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Index to Advertisers, p. 5.

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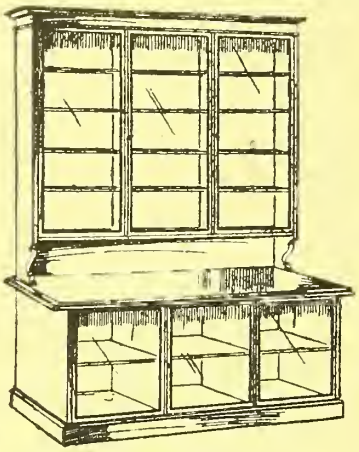

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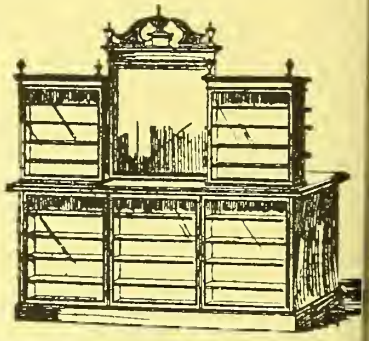

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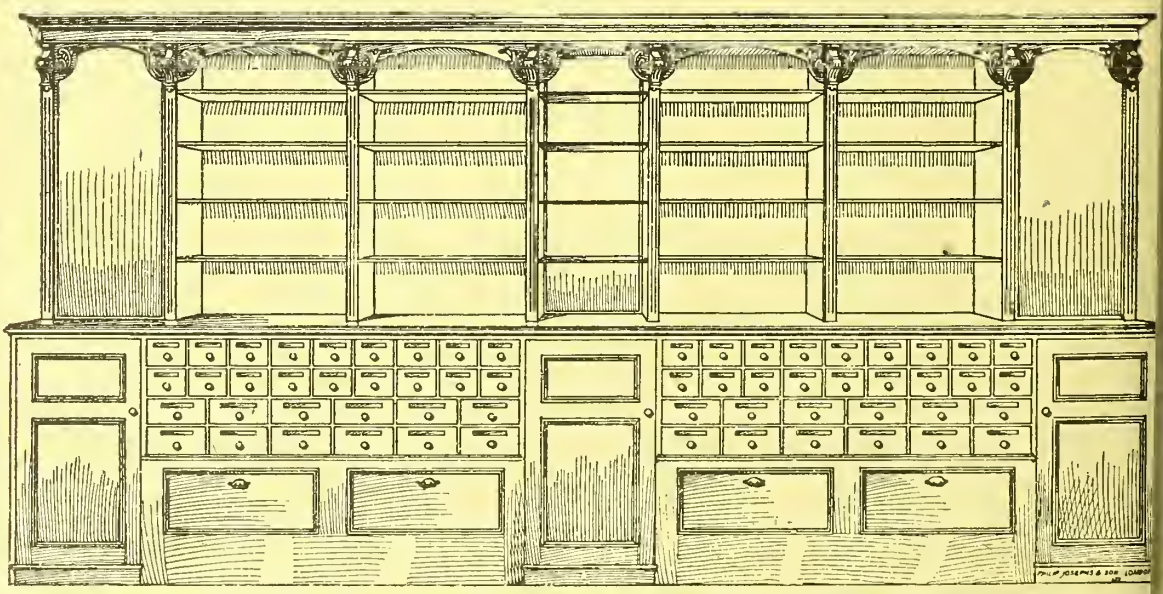

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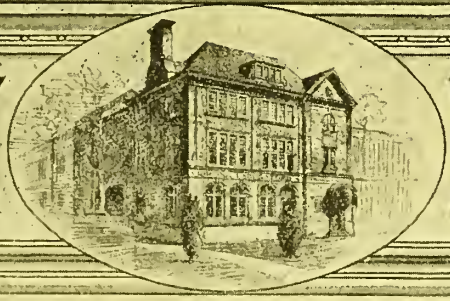

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See also page v

INDEX TO ADVERTISERS IN THIS ISSUE.

The Arabic numerals (1 to 32) in this Index refer to Advertisements in the front of literary pages, the Advertisements following the literary pages are numbered in Roman numerals (i to xxiv)

For more complete Buyers' Guide see "The Chemist & Druggist" Diary, 1917.

AERATORS, Ld., Sparklets, Vacuum Flasks 10, 25
ALLCOCK MANUFACTURING CO., Plasters, &c. xxi
ALLEN, STAFFORD, & SONS, Ld., Essential Oils ....Cover
ALLIANCE DRUG & CHEMICAL CO., Drugs, Chemicals xv
AMERICAN BUREAU OF FOREIGN TRADE xii
AMERICAN COMMERCE CO., Ld., Chemicals 27
AMSTERDAM QUININE WORKS, Quinine vi
ANDERSON, WALL & CO., Boracic Socks ix
ANGLO FRENCH DRUG CO., Ld., French Props. vii
ARNOTT, JAMES, & SONS, Ld., Petroleum Jellies.... 18
ASHTON & PARSONS, Ld., Homœopathic Preparations xxiii
AYRTON GRAHAM, Ld., Window Fittings xii
BAILEY, ROBERT, & SON, Gauzes, Surgical Dressings xviii
BAKER, PARSON O., Chemists' Valuer.....Col. Supp.
BARKER, R., & SON, Infants' Preservative x
BARRETT, R. H., Ld., Glassware xvii
BATTAM & HEYWOOD, Valuers, &c.....Col. Supp.
BEECHAM, THOMAS, Pills xiv
BELL, JOHN, & CROYDEN Ld., Trench Feet Remedy xii
BELL, JOHN, MILLS & LUCAS, Ld., Pharmaceutical Preps., &c.....Cover
BERDOE & FISH, Chemists' Valuers, &c.....Col. Supp.
BLYTHE, W., & CO., Ld., Epsom Salts, Zinc Sulphate xvi
BOEHM, F. Ld., Chemicals xxiv
BOMBAY AGENTS' CO., Agencies..... xii
BOND'S MARKING INK, "Crystal Palace" Brand.... 6
BRITISH COMMERCIAL GAS ASSOCIATION 24
BRITISH DIAMALT CO., Foods 26
BRITISH DRUG HOUSES, Ld., Chemicals, Pharmaceuticals, Foods, &c..... 32
BRITISH PASTEUR-CHAMBERLAND FILTER CO. 30
BROWN, S., & BRO., Drugs, Chemicals, Vegetable Oils ix
BRUNNER, MOND & CO., Ld., Alkalies .....Cover
BURGE, WARREN & RIDGLEY, Ld., India-Rubber Goods, Air Cushions, Anti-Rheumatic Rings..... xix
BURNSIDE & CO., Eucalyptus Oil x
BURROUGH, J., Ld., Absolute Alcohol, S.V.R., S.V.M. ....Text
BURROUGHS WELLCOME & CO., 'Tabloid' Preps. 31
BURT, ROULTON & HAYWOOD, Ld., Disinfectants, Sheep Dips .....Cover
BUSH, W. J., & CO., Ld., Essences, &c. .....Cover
CADBURY BROS., Ld., Cocoa .....Cover
CALDER'S YEAST CO., Ld., Malt Extract 26
CAMWAL Ld., Mineral and Aerated Waters 8
CATALINE CO., Veterinary Remedies xviii
CHATELAIN, J. L., French Medicinal Proprietaries .. vii
CHELTINE FOODS CO., Foods 6
CHESTER, A. D., & CO., Ld., Chemicals 27
CHRISTY, T., & CO., Toilet Articles, &c. xx
COLLEGE OF OPTICS..... 12
COOK, E., & CO., Ld., Soaps, Perfumery, &c. 15
COOPER, SON & CO., Ld., Cachets..... xx
COX, A. H., & CO., Pills, Tablets 1
CROOKES' LABORATORIES, Cellosols .....Text
CUXSON, GERRARD & CO., Ld., Druggists' Sundries 19
DALE, JOHN, MNFG. CO., Collapsible Tubes 18
DARTON, F., & CO., Optical and Scientific Goods 13
DAY & SONS (Crewe), Ld. Veterinary Preps. xxii
DEGEN, F. A., Advertising 12
DENOUAL, J., & CO., Capsules, Lozenges..... x
DIGESTIVE FERMENTS CO., Pepsine, Peptone, &c. 26
DUDLEY & CO., Ld., Shopfittings 25
EDGE, W. & SONS Ld., Cleansers 16
ELEY BROS., Ld., Nickelled Shaving Stick Tubes, &c... 23
ELT'S COLLEGE, Educational 12
ERHARDT, H., & CO., Ld., Tinfoil..... 22
EVANS SONS LESCHER & WEBB, Ld., Chemicals, Pharmaceuticals, Druggists' Sundries, Serums, Insect Powders iv
FABRA CO., Ld., Chemicals ix
FAIRCHILD BROS. & FOSTER, Digestive Products, &c. Cover
FAULDING, F. H., & CO., Antiseptic Soaps..... xiii
FERRY, T., & SONS Ld., Medical Glassware xix
FIELD, J. C. & J., Ld., Toilet Soaps 17
FINK, F., & CO., Gums xx
FLETCHER, FLETCHER & CO., Ld., Liquors ....3, Text
FLOREY HARTLEY, Chemicals ix
FRAME FOOD CO., Ld. Foods..... 28
FUERST BROS., Chemicals (Pure and Technical)..... viii
GARDNER, W., & SONS (Gloucester), Ld., Machinery .. xvii
GIBBINS, R., & CO., Tablets .....Col. Supp.
GIGNOUX FRERES & CO., French Specialities vi
GLEW, F. HARRISON, Radium Compound..... xix
GOSHERON, JOHN, & CO., Sealing Machine 24
GOWER, JOHN, Books (Secondhand, &c.) .....Col. Supp.
GRAESSER R., Ld., Carbolic Acid, &c. xiii
GREEFF, R. W., & CO., Chemicals (Fine and Technical) 7
GUYOT, GUENIN & SON, Mustard Leaves 10
HALDER, E. O., Dental Mechanics xx
HAMPSHIRE, F. W., & CO., Ld., Proprietary 6
HARKER, C. R., STAGG & MORGAN, Ld., Hair Dyes.. 20
HARLEY, T. Rat Poison xii
HARRISON, ALF., & SONS, Chemists' Printing..... 24
HEDLEY'S MALTED MILK CO., Malted Milk 28
HENRY T. & W., Calcined Magnesia xiii
HERTZ, J., Perfumery, Liquid Paraffin, Mineral Oil.... x
HEWLETT, C. J., & SON, Ld., Pharmaceutical Preps. 28
HIBBERT, F. I. Acetyisalicylic Acid, Phenacetin.... vi
HOLLANDSCHE MELKSUIKERFABRIEK, Milk Sugar 27
HOWARDS & SONS, Ld., Cinchona Preps., Quinine, Sodium Bicarbonate, Fine Chemicals 1
HOYLE, J. & T., & CO., Aniline Dyes xx
HUISKING O. L., American Drugs, Chemicals &c..... xvi
INGRAM, FREDK. F., CO., Toilet Articles 17
INGRAM, J. G., & SON, Indiarubber Goods, Teats xviii
ISAACS, L., & CO., Glass Bottles xviii
JOB BROS., Cod Liver Oil (Newfoundland) 27
JOHNSON & SONS (Mnfg. Chts.), Ld., Fine Chemicals xi
JOSEPHS, PHILIP, & SONS, Ld., Shopfittings 2, Col. Supp.
KENT, G. B., & SONS, Ld., Brushware (all kinds)... 16
KESSLING (E.) THERMOMETER CO., INC., Clinicals 14
KINGSLEY & THACKERAY HOTELS, Ld., Hotels .. xvii
KIRBY, H. & T., & CO., Ld., Tablets..... 10
KUTNOW, S., & CO., Ld., Saline Preparation 9
LAWSON & CO. (BRISTOL), Ld., Cocoa-butter 12
LAZARD-GODCHAUX CO. Ld., Chemicals, Dyestuffs xi
LENNOX FOUNDRY CO., Ld., Chemical Plant 22
LEVERMORE, A., & CO., Ld., Chalk (Precipitated) .. xx
LOFTHOUSE & SALTMER, Ld., Foods, Asthma Remedies 16
LONDON COLLEGE OF PHARMACY, Educational .. 12
LUDY & CO., Silver Salts, Tannin Preps. xx
M'GLASHAN, D. Fruit Drink 10
McKESSON & ROBBINS, Capsuled Pills, Dentifrices .. v
MADERO BROS. INC., Chemicals ii
MALLINCKRODT CHEMICAL WORKS (Canada), Ld. xi
MAW, S, SON & SONS, Druggists' Sundries 11
MILLAR, A., & CO., Ld., Orange Quinine Wine 14
MONSANTO CHEMICAL WORKS, Glycerophosphates vi
MORSON, THOS., & SONS, Ld., Chemicals iii
MULFORD, H. K., CO., Bacterins, Serums xvi
MUMFORD, G. S., & SONS, Starch Powder, Linseed....Text
NATURAL FOOD CO., Ld., Foods (Special) 23
NEWBERY, F., & SONS, Ld., Druggists' Sundries 16
NORTH, V. C., & CO., Acetic Anhydride, Phenacetin .. xiii
NORTHERN TIN CANISTER WORKS xvii
OLDFIELD, PATTINSON & CO., Pharm. Preps. 5
OURY, MILLAR & CO., Ld., Gelatines 26
PETRI BROS., Chemicals..... xiii
PICERNO, V. A., Chemicals xiii
PICKARD, IVE & RANKIN, Ld., Acetyl-Salicylic Acid x i
PORGES, Gutta Percha Substitutes xix
PRICE'S PATENT CANDLE CO., Ld., Glycerin, Soaps 22
PRIDEAUX'S Ld., Casein 10
RAWORTH, J. E., Patent Agent xx
RENDELL, W. J., Pessaries xxi
RICHFORD, O. D., Rubber Stamps xx
ROBARTES, Ld., Toilet Specialities 21
RUBECK, H., Thymol, Essential Oils .....Text
RUCH, A., & CO., Glassware xxi
RUDDUCK & CO., Chemists' Shop Fittings.....Col. Supp.
SANGERS, Druggists' Sundries, Packed Goods 29
SANITAS CO., Ld., Disinfectants.....Text
SCHOLL MANUFACTURING CO., Ld., Foot Appliances xix
SHADEINE CO., Hair Dyes xx
SMITH, MAURICE, & CO., Proprietaries x
SMITH, STANISTREET & CO., Indian Drugs viii
SMITH, T. & H., Ld., Alkaloids, Resins & Resinoids .... 4, v
SOLAZZI, Liquorice 10
SOUTHALL BROS. & BARCLAY, Ld. Druggists' Sundries 30
SOUTH OF ENGLAND SCHOOL OF PHARMACY . 12
SPARKS, JOHN C., Chemicals..... xiii
SPENCER, ISAAC, & CO. (Aberdeen), Ld., Cod Liver Oil 6
SQUIRE & SONS, Ld., Pharmaceutical Proprietaries ..Cover
STERNS, Ld., Petroleum Jelly..... 19
STIPENDUM STOPPER CO., Boxes, Stoppers 30
STOKES, C. A., & CO., Ld., Shaving Sticks 20
SUTTLEY & SILVERLOCK, Ld., Chemists' Printing.... 13
TEASDALE'S CHLORODYNE CO., Chlorodyne 19
THORNLEY, S., Ld. Methylated Spirit 18
TIMPSON, JOHN, & CO., Ld., Antiseptic Powder 21
TITTERTON & HOWARD, Brushware (all kinds) 21
TOMLINSON, T., & SON, Chemists' Valuers ....Col. Supp.
TOLKOWSKY, S., Russian Crude Drugs, &c. viii
TOOGOOD, W. Ld., Druggists' Sundries..... 23
TOWNSEND, J., & SONS, Chemists' Printing 25
VAN HORN & SAWTELL, Surgical Ligatures xx
VISCOSE DEVELOPMENT CO., Ld., Self-fixing Caps .. 16
WAND MANUFACTURING CO., Capsules, Pills, Tablets xx
WARD & GOLDSTONE, Electrical Novelties 14
WARRINGTON CHEMICAL & DRUG CO., Salicylic Acid ix
WASHINGTON CHEMICAL CO., Ld., Magnesia & Salts Cover
WATFORD MANFG. CO., Ld., Soup Cubes 28
WATSON & CO., Photographics.....Col. Supp.
WEBSTER, T. & CO., Ink Powder 18
WENGERS, Ld., Potters' Chemicals xii
WESTMINSTER COLLEGE OF PHARMACY 12
WHIFFEN & SONS, Ld., Emetine Salts, Quinine, &c... xiii
WHITAKER & CO., Hat Dyes 20
WOODWARD, W., Ld., Gripe Water xiv
WOOLLEY JAS., SONS & CO., Ld., Galenicals, Foods Cover
WORCESTER ROYAL PORCELAIN WORKS, Crucibles &c. xvii
WRIGHT, ARCHD. J., Ld., Electrical Novelties..... 14
ZEAL, G. H., Clinical Thermometers 25

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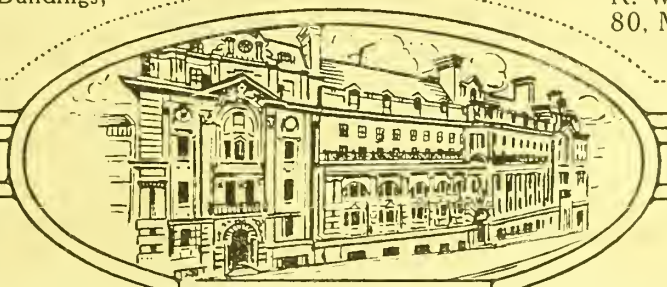
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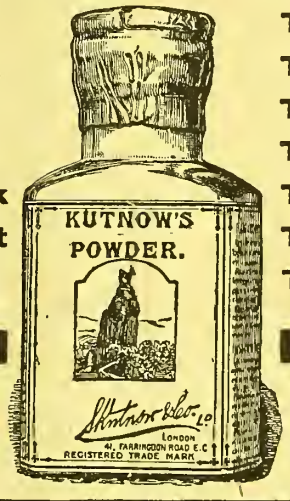
THE FAMOUS BRITISH REMEDY

MADE IN ENGLAND ONLY

THE POWDER—BOTTLES—CAPSULES—LABELS ALL MADE IN ENGLAND

It is on the P.A.T.A.
It is well advertised
It is very popular
It is a good article
It is never dead stock
It yields a good profit
It satisfies everybody



The Doctors prescribe it
The Nurses recommend it
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The Customer comes again
The demand is constant
The sales are increasing
The trade is progressive

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Hospital War Service

— FREE OF CHARGE —

DOCTORS, NURSES & HOSPITALS

are invited to apply at once for special Physicians' Sample Bottles of Kutnow's Powder, for the use of the sick and wounded both at the front and at home. All applications will be dealt with promptly and supplies forwarded immediately, carriage paid. Applications to be made by letter, and should be marked

"HOSPITAL WAR SERVICE,"

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Messrs. S. KUTNOW & Co., Ltd.

41 Farringdon Road, London, E.C.

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— SEND THIS COUPON —

To **S. KUTNOW & CO., Ltd.,**
41 Farringdon Road, London, E.C.

Please send me Showcards and Counter Bills, carriage paid.

NAME.....

ADDRESS .....

.....

"Chemist & Druggist," Mar. 3, 1917.

Fill in, cut out, and post in open envelope, affix ½d. stamp.

S. KUTNOW & CO., LTD., Sole Proprietors,
41 Farringdon Road, London, E.C.

ASPIRIN TABLETS.

Each tablet guaranteed to contain 5 grs. pure Aspirin B.P. of the well-known make of Messrs. Pierson, Morrell & Co.

25's, 6/6 per doz.; 100's, 23/- per doz.; 1000, 17/-

Prompt delivery with name and address. A selection of 30 varieties of Labels to choose from.

H. & T. KIRBY & CO., LTD. Write—Belton Road, Willesden Green, LONDON. Wire—Kirby, Limited, Willroad, London. 'Phone—Willesden 1412.

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THE CHEMISTS' BRAND.

'The Lancet' says: 'Of Standard Purity'

Recommended also by *The British Medical Journal, Health, The Chemist and Druggist, Food and Sanitation.*

Ask for SHOWCARDS and HANDBILLS. To be obtained of all Wholesale Houses.

"Prana" Sparklets.

NOTICE TO THE TRADE.

MESSRS. AERATORS, LTD., regret that it has been, and will be for some time yet, impossible for them to meet demands for the "Prana" Sparklet Syphons and Bulbs, not only owing to other urgent war work, but also to the restricted supply of materials and the large demands (which must be considered preferentially) by the Expeditionary Force Canteens, Red Cross Society, &c. &c.

As regards "D" Bulbs, for the time being it is only possible to refill empty bulbs returned, and the Company request the co-operation of the Trade in the return of as many empties as possible for refilling.

AERATORS LTD.,
"Prana" Sparklet Works,
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—Yes! Rigollot's Mustard Leaves for Plasters. The original and only genuine.

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TELEGRAMS ELEVEN CENT LONDON

Maw's Page

S. MAW SON & SONS (C.P.O. BOX No 54) 7-12 ALDERSGATE ST LONDON EC

NUMBER 281 MAR. 3, 1917

CABLES ELEVEN LONDON
CODE A·B·C 4TH & 5TH EDITION

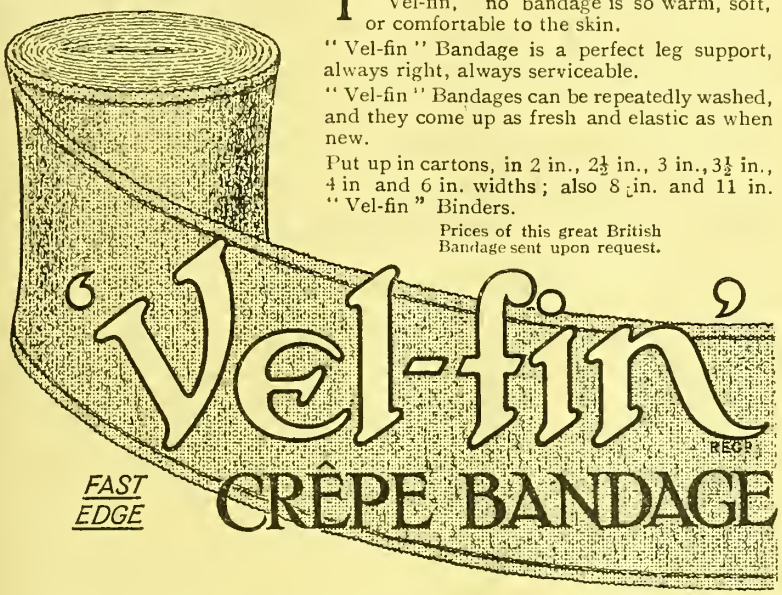
THERE is no Crêpe Bandage quite like "Vel-fin," no bandage is so warm, soft, or comfortable to the skin.

"Vel-fin" Bandage is a perfect leg support, always right, always serviceable.

"Vel-fin" Bandages can be repeatedly washed, and they come up as fresh and elastic as when new.

Put up in cartons, in 2 in., 2½ in., 3 in., 3½ in., 4 in and 6 in. widths; also 8 in. and 11 in. "Vel-fin" Binders.

Prices of this great British Bandage sent upon request.



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MENTHOL CRYSTALS

Superb Maw Quality. Note present prices.

Per 5 lb. original tins.
15/6 per lb.
1 lb. Bottles, 16/- lb.
½ lb. Bottles, 17/- lb.

Subject to 5 % dis.

REDUCED PRICES!

Avail yourself of the low prices quoted for our British-made

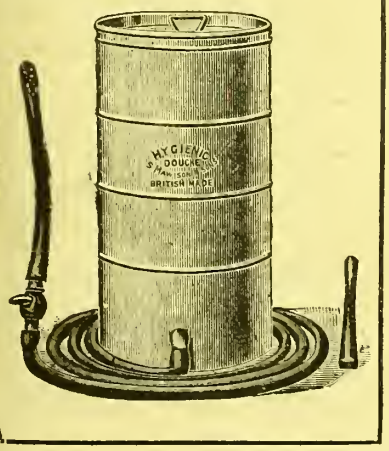
"HYGIENIC" DOUCHE.

Vulcanite stopcock, and vaginal and rectal pipes.

1 qt.		2 qt.
40/-	...	44/-

per dozen.

Ordinary tubing. Best tubing 10/- dozen extra.



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Have you ever watched the construction of a great liner? Month by month the iron and steel wonder grows; from the mammoth keel, rising in a network of girders, until hull and decks take shape.

A forest of poles and cranes and derricks rise with the structure, supporting the work and helping the workers, until the ship stands poised on the slips ready for the launching.

. . .

The good ship "House of Maw" has passed through just such a period of reconstruction, necessitated by the war's demand upon our staff. Since 1914, as the new personnel has been organised, a percentage of the supporting fabric has been withdrawn for military purposes.

To-day, a new staff, trained side by side with the eligible units, dexterously handle the work under the supervision of competent seniors.

. . .

The work of transformation has been gradual. Women have replaced men in all departments; all proficient workers, who strive to maintain the old record of the ever-young House. Substitution has been a formidable task, but it has released a large number of our men for the Country's service. The traditions of "Maw's" called for a careful system of organisation; it was imperative that the smooth working of the House should be maintained, that it should be ready to meet every emergency, and prepared to give that utmost satisfaction inseparable from our reputation.

. . .

When the work of demobilisation begins—we hope at no distant date—our staff, as and when they receive their Army discharge, will, of course, automatically return to their old posts. In the meantime everything possible has been done to "Carry on" in the determined British way, so that, when the day of Victory comes, we shall look back with pride upon our united achievements in these momentous times.

Capsule

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MINE is "the Unseen Hand" that has been and is bringing thousands of orders to C.'s and D.'s all over the Empire for past 10 years—BY MEANS OF THE POST. I can help YOU. Write to-day for FREE BOOKLET—"Business by Post"—saying what you wished pushed.

F. A. DEGEN, F.I.S.A.C.,
Mail Order Specialist, Chemists and Druggists,
C/o "The C. & D.," 42 Cannon St., London, E.C.

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Principal - - - HENRY WOOTTON, B.Sc. (Lond.)

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Immediately an Apprentice or Assistant passes the Preliminary Examination he should enter upon a Course of Instruction under— PHONE BRIXTON 1728.

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CHEMISTRY (ORGANIC)	BOTANY (PHYSIOLOGY)	PHARMACY (ABSTRACT)	LATIN AND PRESCRIPTIONS
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"Wills' Universal Postal System is really world-wide, for Mr. G. S. V. Wills, 190 Clapham Road, London, S.W., the originator, has extended it to cover all pharmaceutical examinations in the British Empire at an inclusive fee of one guinea, apart from postage."—*Chemist and Druggist.*

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THE COLLEGE FOR SUCCESS!

This College provides systematic training in Pharmacy, Chemistry and Botany, and the Allied Sciences, and prepares Students (ladies and gentlemen) for the Major and Minor Examinations of the Pharmaceutical Society and for the Assistants' Examination of the Society of Apothecaries.

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the scientific anti-parasite preparation

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FOR ALL KINDS OF MAGNIFIERS, especially those used for **Medical, Dental** and **Ophthalmic** purposes.

We have just completed the furnishing of our factory with up-to-date machinery for the rapid and accurate manufacture of the above, and can guarantee a promptness in delivery second to none of any quantity. We invite inquiries for quotations and samples.

PRESCRIPTION AND REPAIR DEPARTMENT.

In this most necessary branch of our business we have the latest improved electrical machinery. A special staff of experienced workmen entirely devoted to the execution of **Repairs** and dispensing of **Oculists' Prescriptions** enables us to dispatch all commissions by return mail.

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Medical Label and General Printers.

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BABY WONDER PENLIGHT.
(As illustrated.)
Per dozen, **24s.** Refills, **9s.**
These refills can also be easily adapted for use with other makes of Penlights. Every one tested before despatch, but *don't* order too many at a time.

BABY TORCHES.
2½-volt, about 5 inches by 1½ inches.
These take the small torch refills, measuring about 3¾ ins. by 1 in. They are the best selling line in torches, being so handy for the pocket. Switch contact.
Black Papier Maché Case ... ... **28s.** per doz.
Black Fibre Case ... ... **32s.** „
Refills, Ever-Ready ... ... **9s.** „

ALL PRICES NET.

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Guaranteed Fever Thermometers

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THE "DUCHESS" WAISTCOAT POCKET ELECTRIC LAMP.
Most reliable. Fitted with bull's-eye lens, heavily nickelled caps. Recommended for Export. Complete with Refill and Bulb. Price **30/-** doz. net.

"VOLEX" POCKET LAMP BATTERIES.
British Manufacture. Made of the finest chemicals and finished by a special process to ensure maximum life. Highest grade. Price **6/6** per doz. net.
For Cheaper Types see our List.

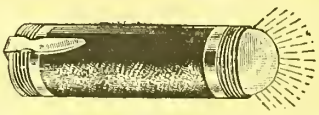
THE "RED CROSS" COIL.
British made. Size of Case, 8½ × 6 × 5 in. No. N 5/21. Price **23/-** net. Fitted with high-speed trembler Make and Break which ensures a steady soothing current; can be regulated from mild to powerful. A reliable lasting Dry Cell is concealed in Case which can be renewed in a few moments.

SPECIAL LINE. No. 307. British Made Pocket Lamp Case complete with ¾-in. Lens, Battery and Metal Filament Bulb — *per doz.* **12/9** *net.*

The following prices are per dozen net, and include reliable Batteries and special Tungswire Metal Filament Bulbs.

Complete with Refills and Best Bulbs. DESCRIPTION.	1¼ lens. No.	1¼ lens. Dz.	1½ lens. No.	1½ lens. Dz.
Popular quality, assorted covers, polished fittings ..	310	16/8	903	18/-
Medium quality, leatherette covers, nickelled fittings ..	325	18/8	905	20/-
Superior quality, in best leatherette covering, heavily nickelled	324	23/8	904	25/-
De Luxe quality, real leather covering, and heavily nickelled	423	30/-	S20	33/-

BRITISH MADE TORCHES.



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A full-size Torch of Remarkable Value. No. N21/42, size 9 in. long, complete with 3-cell battery and bulb, **4/-** net.

THE "CLIPLITE" TORCH, as above, but 6⅝ in. long. Complete, **3/-** net.

FOR HOME & EXPORT.

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Size, 9½ × 1½ ins., complete with bulb and battery, **6/3** each net.
Also supplied with real leather covering, De Luxe model, complete, **9/6** each net.
Best quality Refills, 7 × 1¼ ins., **1/6** each net.
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No. 24.—**THE "OFFICER" TORCH.** High-class Inspection Torch, similar to "Major," with most powerful reflector and 2½ in. lens. Size, 10½ × 1½ ins., complete, **7/9** each net.
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Our large illustrated 64-page Catalogue, free on application.

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FOR

SPRING WINDOW SHOWS

Two delightful Soaps and the unique Shaving Stick, with a Profit of——

75 per cent. on your outlay.

	£	s.	d.
1 Gross Tablets Olive Oil Soap at 4/- per doz.	2	8	0
¼ Gross Tablets Medicated Cutaneous Soap at 6/- per doz.	0	18	0
1 Dozen Solace Shaving Sticks free	—	—	—
	3	6	0
Less 2½ per cent. and 2½ per cent. for Cash....	0	3	4
	£3	2	8

RETAIL VALUE.

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1 Gross Tablets Olive Oil Soap at 6d. per tablet	3	12	0
¼ Gross Tablets Medicated Cutaneous at 9d. per tablet	1	7	0
1 Dozen Solace Shaving Sticks at 10d. per stick....	0	10	0
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The Soapery, **BOW, LONDON, E.**

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FRANCIS NEWBERY & SONS Ltd

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DENTIFRICES AND TOOTH BRUSHES

SUPPORT more than doubles the original strength. When you display dentifrices it is good business to associate with them a really effective assortment of Tooth Brushes. Newbery's can provide you with a range of both lines.

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These are put up in two sizes, at 24/- (tins, 1⅝" × ⅞"), and 40/- gross net (2⅞" × 1), nicely banded. If desired, name and address on hand, 1 gross lots assorted.

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TOOTH BRUSHES.—"Wenbery." At prices per dozen, 3/9, 4/6, 5/9, 6/-, and 7/6, there is presented a fine assortment of neat celluloid-handled brushes that will give satisfaction to the most fastidious customer.

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You Reap the Profits!

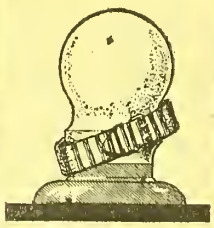
The above is only one of the many forceful advertisements now appearing in the most influential National publications and Fashion periodicals telling housewives that Iron-mould is no longer immovable. MOOVOL contains no injurious acids and is not harmful to the most delicate fabric.

ARE YOU PARTICIPATING IN THE PROFITS?

Send a P.C. for trial stock and display material to

WM. EDGE & SONS, LTD., BOLTON, LANCS.

(THE DRUMMER DYE PEOPLE.)



There's SOMETHING "SPECIAL" about

SEMREH

BOTTLE CAPS

that arrest the attention of everybody. Neat, clean and artistic, and as good as they are good-looking. Self-fixing, too. Details on request.

THE VISCOSE
Development Co., Limited,
BROMLEY, KENT

SUPPORT HOME INDUSTRIES.

Estd. 1777.

Incd. 1900.

BUY KENT'S BRUSHES.

Diary 1917, pp. 108, 109.
Winter Issue, 1917, pp. 68, 69.

LOFTHOUSE & SALTMER, Ltd.

Wholesale & Export Drug Merchants, Manufacturing Chemists

HULL

INVITE the Trade to take up the following valuable P.A.T.A. Protected Lines, bearing a large Protected Retail Profit, which sell freely and are well known and valued by the Public in many parts of the country.

P.A.T.A.	Protected Retail Price.	Dozen Net.
*LOSALL'S SALT (well advertised), tins	7½d.	5/-
" " " " "	1/2	10/-
" " " " bottles in cartons	1/6	12/-

Losall's Salt sells so well, surely it must pay Pharmacists to stock such a large profit-bearing protected line.

LOSALL'S COMPOUND SULPHUR SOAP.

A valuable emollient medicated skin soap, especially suitable for use in Eczema	1/6	12/-

Chemists requiring effective advertising matter for Losall's Salt, &c., will, on application direct to Lofthouse & Saltmer, receive a liberal supply of Dummies, Showcards, Window Slips, Price Tickets, &c., Carriage Paid, whether or no they have an account open with the Firm.

Profits For You

That's what you're in business for. Handle the line of Toilet Preparations which sells quickest and at the largest margin of profit.

INGRAM'S OFFER.

½ Doz. Milkweed Cream	Retails for 2/- each	(2.00)	8/-
½ Doz. Velveola Souveraine (Face Powder)	,, ,, 2/- ,,	(2.00)	8/-
½ Doz. Zodenta Paste	,, ,, 1/- ,,	(1.00)	4/-
¼ Doz. Rouge...	,, ,, 2/- ,,	(1.00)	4/-
½ Doz. Perfume, 1 oz. ass't. in fancy packages	,, ,, 4/ ,,	(4.00)	16/-
		10,00	£2

Delivered prepaid Parcel Post. We will send advertising matter and samples packed with the goods.

Send us with your order the names of 100 of your lady customers, and we will mail each of them a handsome folder, asking them to call at your store and get free our Guest Room Package, containing one each of the above in sample sizes, including perfume.

If more convenient to you, specify shipments from our Canadian Branch.

FREDERICK F. INGRAM CO.

(ESTABLISHED 1885)

411 Lafayette Blvd. W., DETROIT, U.S.A

CANADIAN BRANCH : WINDSOR, ONT.

Twenty-five years continuous advertising has made this trade-mark known wherever American and Canadian publications are read.

FIELD'S

"SIANARA" (Regd.) Toilet Soap

With the Enchanting Perfume of OLD JAPAN.

AN ENTIRELY NEW LINE IN

ROUND BATH

To sell at 5½d., 4½d., 3½d., and 2½d. per tablet.

Let us Quote you for your Proprietary Soaps.

J. C. & J. FIELD, Ltd., Toilet Soap Experts . . LONDON, S.E.

Telegrams: "OZOKERIT, LAMB, LONDON." ESTABLISHED 1642. Telephone: HOP 3905.

PETROLEUM JELLIES

White, Yellow, Amber and Red.

For Pharmaceutical and General Purposes.

AMERICAN SPIRITS OF TURPENTINE,
OLIVE, CASTOR, COLZA OILS,
ROSIN, and LUX BLOOMLESS MINERAL OILS.

James Arnott & Sons, Ltd.
Newcastle-on-Tyne and Cardiff.

METHYLATED SPIRIT

OILS AND CHEMICALS.

Buy from one of the Oldest Houses in the Trade.
Write for Prices. ESTABLISHED 1794.

SAMUEL THORNLEY, Ltd., BIRMINGHAM

WRITING INK POWDER

As supplied to Govt. Depts. and the principal Railway Cos. Saves 98% Freight. Suitable for any Climate.

ALSO
WRITING INKS,
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GUMS, PASTES,
INK POWDERS,
STENCIL INK.

T. WEBSTER & Co.
Diamine Works,
LIVERPOOL.

BRITISH MADE

SCENT SPRINKLERS
COLLAPSIBLE TUBES
Decorated Tin Boxes & Canisters

Manufactured by
The JOHN DALE Mfg. Coy.,
NEW SOUTHGATE, LONDON, N.

IMPORTANT NOTICE

ALTERATION OF PRICES OF

Teasdale's Chlorodyne

The Teasdale's Chlorodyne Co. beg to announce that as and from March 1, 1917, the retail prices of Teasdale's Chlorodyne and Magic Essence will be as follows :—

SIZE	10½d.	1/3	2/9	4/6
Minimum Retail Price	10½d.	1/3	2/9	4/6
Price to Trade (per dozen)	8/6	12/-	27/-	45/-

Magic Tooth Ess.

Minimum Retail Price 9d.
Price to Trade (per dozen) **7/-**

Disc.: 2½ % on £2 worth, 5 % on £5 worth, 7½ % on £10 worth.

Terms: Cash in one month; carriage paid.

The exceptional increase in the cost of all ingredients used in the manufacture, also bottles, packing, labour, etc., necessitates this step being taken. TEASDALE'S CHLORODYNE is on the P.A.T.A. List; is the best, shows most profit to you, and is the cheapest to your customer.

The Teasdale's Chlorodyne Co.,
1a Ellercroft Road, BRADFORD, Yorks.

Liquid Paraffin B.P.

Petroleum Jelly

White Oils

Half-White and Coloured Oils

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Royal London House,
FINSBURY SQUARE, LONDON, E.C.

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DERMOLINE

A superior non-greasy cream which can be advantageously used in place of Glycerine for toilet purposes. Packed in smart litho'd tubes mounted on an attractive showcard.

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3/- per doz.
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GOOD DESIGN AND QUALITY.

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Manufacturers of LIME CREAM, BRILLIANTINES and TOOTH POWDERS for LARGE BUYERS.

OVER 100 % PROFIT
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One solution, nine shades.

A first-class article with an excellent demand, created entirely on its own merits, and carrying a first-class profit.

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1/-	1/-	7/6	per doz. less 5 % discount
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2/6	2/3	15/-	
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Buyers of 3 doz. bottles receive 3 bottles gratis (may be assorted and any size).
Do. 6 doz. do. 8 bottles gratis.
Do. 12 doz. do. 18 bottles gratis.
Equivalent in the case of the size in most general demand, viz. 1/6 size to 4/6, 12/- and 27/- respectively.

Sole Proprietors—

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Make your old Hat a new one.

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NO GLOSS. NO POLISH.

On the P.A.T.A.

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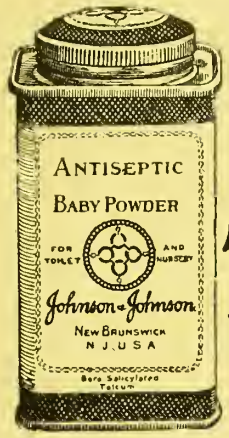

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MANUFACTURED BY

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We wish to warn our Customers, so that they may be on their guard, that our package is being imitated. This step, which is so easy, is an undignified and shabby attempt to rob us of our goodwill.

WARNING. The contents cannot be imitated, and the Trade Mark cannot be imitated; and we would ask those Customers who have handled this preparation for a quarter of a century, with every satisfaction to themselves and to their clients, to resent this method of copying other firms' productions by insisting on having the original package bearing the registered Trade Mark, which is the guarantee of quality.

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They have a world-wide reputation for excellence of quality, and perfection of workmanship. Should be stocked by all Chemists desiring to give the public the best value for money.

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A new and attractive line that is sure to enjoy good sales. A greaseless Cream that takes the odour out of perspiration. Daintily packed in opal jars. Ask your wholesaler.

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The liquid hair remover
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A new idea in depilatories. Simple and safe to use—effective in use. Pleasant and harmless. Invaluable during the vogue of the décolleté gown. Daintily packed. Ask your wholesaler.

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Satisfaction Guaranteed or Money back

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Trade 20/- doz.

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Carriage Paid on £1 lots. Particulars on request.

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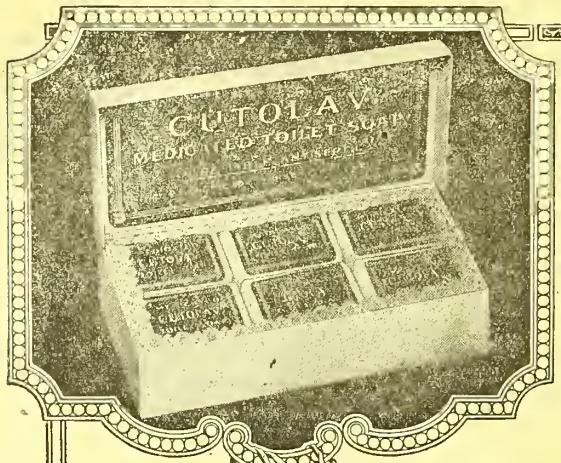
Telephone: Gerrard 3672



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ORGANIC & SYNTHETIC PRODUCTS,

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PLANTS FOR NITRIC, SULPHURIC & HYDROCHLORIC ACID.

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for Dentifrices, Soap Tablets, etc.

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Pencil Fittings

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During the continuance of the War we cannot undertake orders to make any of the above goods requiring one or more of the metals for their manufacture of which the use for commercial purposes has been prohibited by H.M. Government; but we invite inquiries, as we still have some articles in stock which were made before the prohibition was issued.

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No. 77 BRITISH Eau de Cologne

In Square Bottles

2 oz.	...	11/- doz.
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8 ,,	...	41/6 ,,

In Wickered Bottles

½ pint	...	34/6 doz.
1 ,,	...	65/- ,,
2 ,,	...	122/- ,,

Write for Samples. Showcards supplied.

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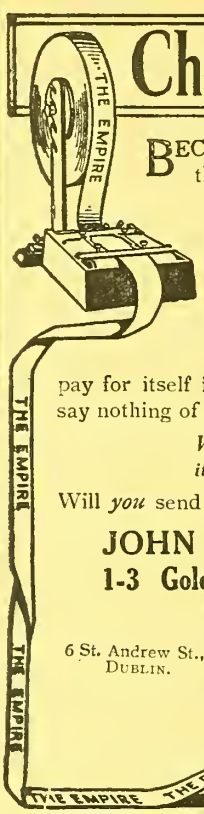

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BECAUSE it is cheaper and much quicker than string, you will welcome

The Empire Roller Tape Moistener

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It seals parcels so neatly, so securely, and so rapidly that it will quickly pay for itself in the saving you effect on string, to say nothing of the saving in time.

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Will *you* send us a card for fuller particulars.

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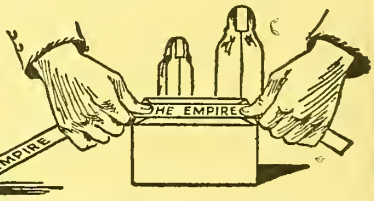

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"ALL BRITISH" VACUUM FLASK,

of which not only the protective outer casing but the essential glass vacuum bottle are

MADE IN ENGLAND.

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Clinical Thermometer

The "REPELLO"

Requires no shaking down. *Guaranteed Accurate.*

A 30-Second Pushed back in an instant.

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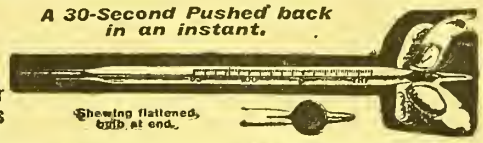

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The only Easy Reading Magnifying Clinical Thermometer on the Market.

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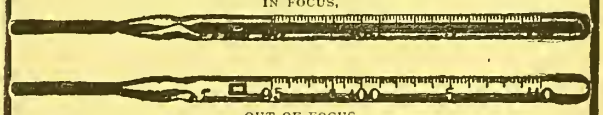

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The square mark engraved on lens front locates the Mercury Column immediately.

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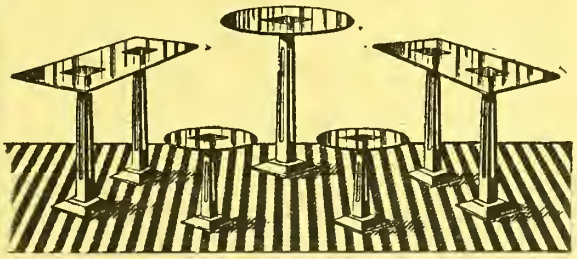
Enables you to dress your window quicker, and make a different style of display each week.



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1	,, ,, ,, Shelf,	18 by 12	5/9 ,,
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The Lot Complete for 49/-

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With or without the finest Cod Liver Oil.

The product of the finest barley, concentrated by the latest process and of guaranteed purity. Chemist's own label fitted to hermetically sealed bottles.

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ON P.A.T.A. LIST.

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NEWFOUNDLAND NON-FREEZING MEDICINAL COD LIVER OIL

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METOL 100%
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THE MOST ECONOMICAL INFANTS' FOOD.

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Dr. Allinson's Food Preparations

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HEDLEY'S MALTED MILK, being Citrated, the formation of Curds by the Rennet of the Stomach is prevented, so that it practically DIGESTS ITSELF.

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AN IDEAL TONIC FOOD

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THE ORIGINAL AND BEST.

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SOLD IN VARIOUS SIZES AT POPULAR PRICES.

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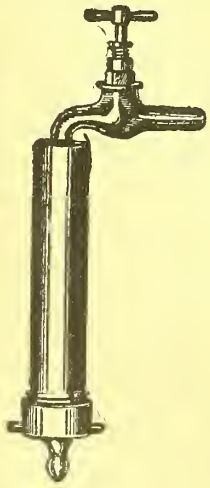

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Wherever the **PASTEUR FILTER** has been applied, **TYPHOID FEVER** has disappeared.

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¶ Do you derive any financial benefit, or do their mothers buy the milk ready prepared?

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¶ Every argument is in favour of this food—the welfare of the baby, the satisfaction of the parents, and your business interests.

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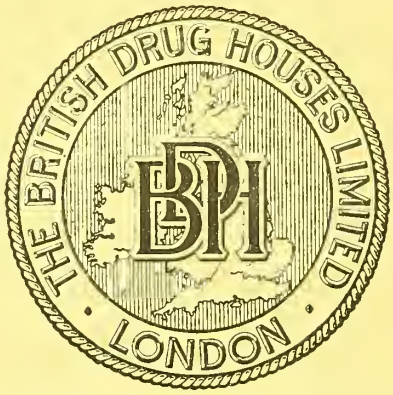

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CONTENTS: No. 9 (Series No. 1936), Vol. 89.

	PAGE		PAGE
Adalin Manufacture	39	Industries Fairs	39
Annotations	34	Information Department	41
Associations' Winter Session	45	Insurance Act Dispensing	47
At the Counter	34	Irish News	36
Australasian News	45	Legal Reports	38
Bankruptcy Report	38	Marriages	40
Birth	40	Military Tribunals	34
Business Changes	48	New Books	48
Company News	38	Observations and Reflections	41
Correspondence	51	Personalities	41
Deaths	40	Retrospect	52
Editorial Articles:		Scientific Progress	*Col. Supp.*
Registration of Business Names	42	Scottish News	36
Restriction of Imports	43	Trade-marks	*Col. Supp.*
English News	35	Trade Notes	44
French News	37	Trade Report	48
Gazette	34	Westminster Wisdom	44
		Wills	50

Coming Events.

Sunday, March 4.

Pharmacists' Volunteer Corps, Duke of York's, Chelsea, at 10 A.M. Parade, followed by practical first-aid stretcher exercises and tests. On Wednesday and Thursday, at 2.45 P.M., there will be first-aid classes at 17 Bloomsbury Square, W.C.

Monday, March 5.

Society of Chemical Industry, London Section, Burlington House, London, W., at 8 P.M. Mr. W. A. Tookey on "The Composition of Power Gas."

Tuesday, March 6.

North London Pharmacists' Association, Duke's Salon, Holborn Restaurant, London, W.C., at 8.30 P.M. Mr. J. W. Deakin, Mr. L. Moreton Parry, and Mr. W. L. Currie will speak on topical subjects.

Oldham Pharmaceutical Association, Café Monico, Union Street. Whist-drive.

Wednesday, March 7.

Royal Society of Arts, John Street, Adelphi, London, W.C., at 4.30 P.M. Mr. J. H. Vickery, LL.B., on "German Business Methods."

Pharmaceutical Society of Great Britain, 17 Bloomsbury Square, London, W.C., at 11 A.M. Council-meeting. *North British Branch*, 36 York Place, Edinburgh, at 8.15 P.M. Evening meeting. Dr. Leonard Dobbin on "Cubic Centimetre and Millilitre"; Mr. W. B. Cowie, "Risks in Using Commercial Glucose in Pharmaceutical Preparations"; Mr. Wm. Duncan "A Ferric Chloride and Sodium Salicylate Mixture"; Mr D. B. Dott, "The B.P. Test for Methyl Compounds in Ether"; Mr. Arthur Flott, "A Transfer Process for Blister-spreading."

Ucal Lodge of Pharmacy, Holborn Restaurant, London, W.C. Mr. Fred Cherry, Ph.C., on "The Future Development of Ucal."

Thursday, March 8.

Essex County Association of Pharmacists, 17 Bloomsbury Square, London, W.C. Mr. E. T. Neathercoat and Mr. J. Hearle will address the meeting.

European War News.

Import and Export Notices.

UNITED KINGDOM.—Mustard-seed has been placed on the list of prohibited exports to all destinations.

Prohibited Imports.

In the "London Gazette" of February 23 was published a Proclamation prohibiting the imports, *inter alia*, of the following goods into the United Kingdom:

- Aërated, mineral and table waters
- Brandy
- Cocoa, preparations of
- Cocoa, raw
- Coffee
- Diatomite and infusorial earth
- Glass manufactures not already prohibited
- Painters' colours and pigments
- Perfumery
- Photographic apparatus
- Quebracho, hemlock, oak and mangrove extracts
- Soya beans
- Sugar, articles and preparations containing, used for food (except condensed-milk)
- Tea

Personalia.

MR. T. W. HUNTER, who served his apprenticeship with a chemist in Kirkcaldy, has received a commission as second-lieutenant in the Royal Field Artillery.

SERGEANT KEITH GORDON, of the Canadian Siege Battery, is one of the bright young Canadians who are with us at present. He is a younger son of a well-known Canadian pharmacist, Mr. John Gordon, Winnipeg, and was medical student at the McGill University, Montreal. He joined the Canadian Medical Corps, but left it for the Artillery, hoping thereby to get to the Front more quickly.

Miscellaneous.

CORPORAL JOHN HIGSON, of the Marines, who before the war was with Messrs. Hartley, chemists, Burnley, has been wounded in the thigh, and is now in hospital in France.

ENEMY FIRMS.—The Controller of the Foreign Trade Department has issued a new consolidating list containing the names of over two thousand persons and firms with whom persons in the United Kingdom are forbidden to trade under the Trading with the Enemy (Statutory List) Proclamation, 1916.

WAR LOAN.—Raimes & Co., wholesale druggists, York, put in operation a fortnight ago a war loan scheme following closely on the lines of the North-Eastern Railway Co., and there has been an excellent response, about two-thirds of the staff becoming contributors for amounts varying from 5*l.* to 50*l.*, in addition to what had been done privately.

BELGIAN DOCTORS' AND PHARMACISTS' RELIEF FUND.—A meeting of the Executive Committee was held on February 22 at "The Lancet" Offices, when a printed statement was presented of the progress and working of the Fund during its first two years. A communication was read from the London Branch of the International Relief Committee stating that it should be possible to continue to transmit the monthly grant of 800*l.* to the Belgian medical organisation, as has been done for some time through Mr. Herbert Hoover, for in Mr. Hoover's absence the work of relief is still proceeding on the same lines. The financial statement showed that the contributions since December 15, 1916, had amounted to 176*l.*, of which 147*l.* had been received from the Royal College of Physicians of Edinburgh as a final contribution. 2,400*l.* had been sent to Belgium since the same date. The Fund has received from the New York Academy of Medicine the sum of 132*l.* 12*s.* 5*d.*

LIVERPOOL PHARMACISTS' TRAINING CORPS.—Sir James Barr, M.D., who is the County Director of West Lancs V.A.D., inspected the Corps on Friday, February 23, with a view to forming the members into a Voluntary Aid Detachment. After individual test questions and a display of squad and stretcher drill Sir James Barr thanked the members for giving him the opportunity to inspect their progress, and also for offering their services, particularly at this time, when they were all working at high pressure. He felt sure that the Detachment would be of good service, and promised to take steps to get them enrolled as soon as possible. Of the Corps thirty-five have passed the St. John's First Aid examination during the winter. The members want to keep the Corps at full strength, and urge pharmacists or assistants not otherwise engaged in military work to communicate with Commandant J. L. Hirst, 26 London Road, or with Adjutant A. W. Ashcroft, 112 Aigburth Road.

Military Tribunals' Decisions.

BODMIN.—Two months' exemption was granted to J. H. Solomon, apprentice with Mr. S. M. Northey, dispensing chemist.

CAMBRIDGE.—The cases of the local chemists which had been adjourned were again before the Tribunal on February 22 (see *C. & D.*, February 17, p. 34), when the fol-

lowing decisions were arrived at: Mr G. E. Beall, dispensing chemist, was refused exemption as he is in Class A and is single; Mr. D. A. Sturton, dispensing chemist, was refused as he is single; Mr. Reginald Deck, dispensing chemist, because he is in Class A and has no family. The Military Representative has agreed that if there is no appeal the calling-up will be postponed until May. Mr. M. E. Parsons and Mr. S. J. Parsons were granted exemption until May 22. Mr. L. D. Pratt, dispensing chemist, was granted temporary exemption in place of conditional exemption.

DOVER.—The appeal of Harcombe Cuff, Ltd., chemists, for F. A. Bates, porter and syphon-filler, was rejected, but the calling-up date was deferred until March 1.

EASTBOURNE.—Conditional exemption was granted to Mr. Arthur Moss, dispensing chemist.

FARNHAM.—The claim for exemption of Mr. A. S. Edwards, dispensing chemist, was adjourned so that the Clerk of the Surrey Insurance Committee could attend and give evidence.

HUNGERFORD.—Conditional exemption was granted to Mr. A. H. Bingham, dispensing chemist.

NUNEATON.—The application for temporary exemption was refused of J. E. Hardy, chemist's apprentice.

OXFORD.—Temporary exemption in place of conditional exemption was given to S. A. Cleaver, dispenser for Mr. F. L. K. Loxley, Ph.C. The case of Mr. W. H. Pearson, chemist and druggist, was adjourned to March 26 to enable him to join the Inns of Court O.T.C.; the date previously allowed was March 31.

REDHILL.—Exemption was refused to Charles Razzell, employed by Mr. W. H. Fowler, Ph.C., but he is not to be called up until March 31.

SHOREDITCH.—C. J. Hewlett & Son, Ltd., wholesale druggists, 35-42 Charlotte Street, London, E.C., appealed for John Malony, a clerk. Four months' conditional exemption was granted.

SOUTHWARK.—H. E. Stevenson & Co., Ltd., wholesale druggists, 122 Great Suffolk Street, S.E., applied for the exemption of their manager. Three months' further exemption was granted.—Roberts & Sheppy, wholesale chemists, Skipton Street, S.E., applied for the further exemption of their analytical chemist, and he was granted exemption till March 15.

SUTTON-IN-ASHFIELD.—Three months' exemption was granted to Mr. J. J. B. Stanley, chemist and druggist, who assists his father, Mr. John Stanley, chemist and druggist. One of Mr. Stanley's shops has been closed since December 13 owing to the enlistment of assistants.

TOTLAND BAY.—Exemption until May 31 was granted to E. T. Webb, with Mr. F. G. Knight, dispensing chemist.

TROWBRIDGE.—The appeal for exemption of Mr. J. H. Aplin, jun., chemist and druggist, was dismissed. The case occupied considerable time, and was decided upon the fact that at the date of registration he was managing a mineral-water factory and his father the chemist's shop where they are now both engaged.

WANDSWORTH.—Mr. E. A. Atkins, Ph.C., East Hill, Wandsworth, who was given twelve months' exemption last April, applied for the renewal of his certificate. He said he is an officer in the Pharmacists' Volunteer Corps, and expects shortly to receive a captaincy, but the regulations require that he should have a clear three months' extension. He was granted exemption until July 13.

WARMINSTER.—Three months' conditional exemption was granted to W. A. Waite, assistant with Mr. Frank Cook, dispensing chemist.

Gazette.

Partnerships Dissolved.

BRIANT, L., HATSCHEK, E. P., CLOWES, EMMA C., and WALKER, A. J., Needham Market, manufacturers of brewers' yeast food under the style of the Malto Peptone Co.

LEE, W., and BIRTWISLE, A., 3 Chester Road, Northwich, chemists and druggists, under the style of Lee & Birtwisle.

FORSTER, J. F., and FUERST, J., 17 Philpot Lane, E.C., chemical and general merchants, under the style of Fuerst Brothers.

TILLEY, J., and KIDDIE, J., Widnes, mineral-water manufacturers, under the style of Tilley & Kiddie.

Bankruptcy Acts.

RECEIVING ORDER AND ADJUDICATION.

SANT, A. W., 8 South Church Row, Bishop Auckland, and Peele Street, Bishop Auckland, mineral-water manufacturer.

Annotations.

LIQUID EXTRACT OF NUX VOMICA.—The Canadian Inland Revenue Department at Ottawa has issued a report by Mr. A. McGill, Chief Analyst at Ottawa, in regard to samples of liquid extract of nux vomica analysed by the Department, which is exceptionally interesting owing to the fact that most of the liquid extract of nux vomica now on the Canadian market is analysed by the method of the British Pharmacopœia 1898, and not according to the 1914 method. Mr. McGill states that in the strict sense this is right, because the Adulteration Act, Section 7 (*a*) specifically names the 1898 edition of the British Pharmacopœia, which, it will be remembered, separated the strychnine from the brucine by precipitating the strychnine with potassium ferrocyanide, in sulphuric-acid solution, and subsequent decomposition of the strychnine ferrocyanide; but brucine ferrocyanide was co-precipitated to some extent, and in consequence the 1914 edition altered the test and ensured destruction of the brucine by oxidation with nitric acid in presence of sulphuric acid. Mr. McGill gives the results of the examination of the samples, from which it appears that the total solids varied from 2.25 grams per 100 c.c. to 25.36 grams, and the strychnine from 0.76 to 1.57 gram per 100 c.c. These results are not at all satisfactory, he considers, and he also gives figures contrasting results by the 1898 method and by the 1914 one.

* * *

THE HISTORY OF ICHTHYOL was told recently in the "Münch. Neueste Nachr." The popular name of ichthyol, or tar-oil obtained from the bituminous material in the neighbourhood of Seefeld, is "Dirsten," or "Tirschen" oil, after the name of the giant Thyrsus, who plays a part in the old legends of Tyrol. In the sixteenth century Abraham Schnitser obtained from the Archduke Ferdinand the privilege of preparing ichthyol from certain deposits known under the name of "Tyrstenblud." Later on the peasants of Seefeld and Reit together prepared ichthyol in primitive kilns. Since 1845 the oil has been prepared in a more rational way by a company established in Innsbruck, which could not compete, however, against the "Maximilianshütte" in Reit. The process used was the same as that for distilling paraffin from shale. After 1850 the Seefeld peasants again began to prepare the tar-oil in the old way, and everywhere in the neighbourhood of Seefeld the oil-kilns are found, and also a larger ichthyol-manufactory. A large part of the product is exported to Germany, Galicia, and Hungary, but in Tyrol itself peddlers of the product can often be seen still. The oil is largely used by the peasants as medicine for cattle, and it is also used as shoe-polish. If harness leather is rubbed with the oil it wards off flies.

At the Counter.

A SCOTCH CHEMIST was asked to supply "2*d*. Jasefrut," and he gave Jeyes' Fluid, while for sergan pips the article supplied was saccharin tablets, which was right.

THE FOLLOWING were asked for recently at a Doncaster chemist's:

2*d*. per nanny goat of potash.
One box of iron jellicoes.

FROM A CLASSIC TOWN there comes to us from a dispensing chemist the following note which he had to pass on to a local medico:

"Would Dr. ——— kindly call and see Master ——— as he has got such a terrible sick headache and we are keeping him in bed. And alse would you send me a strong tonic as my head is the same and my bowells are in a dreadful but I don't want to go on the club if I kept in bed to-day for I ain't had a wink of sleep all night the pains in my legs are terrific which I put it down to foul blood hoping you will oblige."

THERE IS SUCH A SUGAR-SHORTAGE in Italy that State distribution of saccharin is suggested.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Export Merchant Shippers' Issue.

This issue of the *C. & D.* will be published next week, but the publisher asks us to state that he cannot guarantee insertion of any advertisement for the white-paper pages which is received by him after Monday, March 5. Small advertisements for The Chemist and Druggist Supplement will be received up to 2 p.m. Thursday, March 8, but advertisers should deliver them to us earlier if possible.

Devon Wharf Rifle Club.

Some time ago we mentioned that a Rifle Club and Range had been started in connection with C. R. Harker, Stagg & Morgan, Ltd., wholesale druggists, Devon Wharf, Emmott Street, Mile End, London, E. Six months ago a War Savings Association was started, and on that occasion Alderman J. D. Kiley, M.P., as Mayor of Stepney, addressed the employés. The Rifle Club so interested the Mayor that he offered a challenge cup for competition. This has been won by Mr. A. S. Hull with a score of 238 points out of a possible 250. On February 22 Alderman Kiley attended a meeting in the board-room at Devon Wharf, and formally presented the cup, together with gold and silver medals and other prizes offered by the company to successful competitors. He took the opportunity of congratulating the employés on the spirit which prevailed in regard to the War Savings Association. Two veteran workers, Charles Curtis and J. Taylor, who have been in the business for over fifty years, made speeches. Mr. T. White, chairman of the directors, was in the chair.

Controller of Glycerin, etc.

Mr. Alfred Bigland, M.P., has been appointed Controller of margarine, soap, glycerin, seed oils and oil cake supplies, with extreme powers. Mr. Bigland is the Unionist Member for Birkenhead, and the senior partner of Bigland, Sons & Jeffreys, Liverpool, into whose business he entered as soon as he left school. He has long been interested in Imperial and mercantile questions, and was one of the earliest supporters of the late Joseph Chamberlain's tariff proposals.

At the Society of Arts on February 27, Mr. Bigland, in the course of a paper read before the Colonial section, said that the oils procured from West African palm products form the stock of raw material of soap and candle-makers. In this connection during the war they had assumed enhanced importance because these manufacturers in their various processes extract from the oil glycerin, which served as the basis of our cordite. On account of the importance of palm oil as a source of glycerin we allow the exportation of it to our Allies, but not to neutral countries. Nevertheless, the neutrals were so badly in want of this oil that their merchants had come to terms with us, and agreed to give us the glycerin content of the oil as a condition of being permitted to import it. When he told them that the entire supply of glycerin in this country was requisitioned at just under 60*l.* per ton, and the corresponding price in America, for example, nearer 200*l.* than 150*l.*, they would appreciate that the neutrals considered our oil to be of great value, and worth paying a good deal to obtain. On Wednesday Mr. Bigland attended a meeting of soap-makers, when the position of supplies was discussed.

Contracts

The following have been approved since our last issue:

Lewisham Borough Council have extended for twelve months their disinfectant contract with Sanitas Co., Ltd., formalin, 14*s.* a dozen 1-lb. bottles instead of 11*s.*; Burt, Boulton & Haywood, Ltd., carbolic-powder, 5*s.* 4½*d.* per cwt., instead of 4*s.* 11½*d.*; H. E. Olby & Co., cyllin, 3*s.* 6*d.* a gal.; Middleton Bros., chloros, 3*s.* 4*d.* per gal. instead of 2*s.* 3*d.*; Dussek Bros. & Co., Ltd., disinfecting-fluid, 10*d.* per gal. instead of 9*d.*

Swansea Town Council has accepted the following tenders for the annual supply of disinfectants for the Borough Fever Hospital: Metsol, Ltd. (chloros); Sanitas Co., Ltd. (soap and fumigators); Alfred C. Young & Co. (chloride of lime); Newton, Chambers & Co. and Kilgerm Co., Ltd., (fluid); McDougall Bros. (soluble powder).

Birmingham.

Great complaints are being made against the local Gas Department owing to gas deficiency in both light and heat, while the odour is drain-like, and the sulphur is excessive, burning holes in copper vessels quickly.

The February minimum price-list of the Birmingham Pharmaceutical Association contains twenty-one alterations and additions. Mr. Henry H. Marshall, 128 Alcester Road, Moseley, supplies it to members and subscribers.

The death took place at King's Heath on Saturday, February 24, of Mr. George Beck, after a short illness. He represented the British Xylonite Co., Ltd., Hale End, London, and was well known to pharmacists in the Midlands.

A conference on the question of one-man businesses and the pooling of resources in the retail distributing trade was held at the Council House, Birmingham, last week, when it was decided to bring the matter before each Association.

Liverpool.

An Opium Offence.—A Chinaman was sentenced here on February 27 to three months' imprisonment, and recommended for deportation, for being in the unauthorised possession of opium. He was fined 50*l.* a fortnight ago for a similar offence.

Much inconvenience is still being felt because of the delays in delivery of parcels from London. It is felt that surgical appliances and other urgent packages should have some concessions in the way of "per passenger train" or other form of express transit.

Much interest is being shown by members of the palm-kernel trade in an exhibition here of a new patent cracker machine, so light that it can be carried as a two-man load, and worked at great speed by hand. The efficiency of the machine for facilitating the production of palm oil is appreciated.

The note of last week suggesting a Mersey City organisation or federation of the wholesale and retail trades is being canvassed freely. Action on the lines suggested has been taken by the Property Owners' Association and kindred organisations, who find that unless they can send deputations able to speak for a large district they cannot obtain the ear of Parliament or of a Government Department.

The Lord Mayor (Mr. Max Muspratt) lectured with refreshing candour at the National Welfare Exhibition which is being held at St. George's Hall. Appealing to voluntary workers to maintain their activities after the war, he said they should seek to permeate all ranks of the people. Each widow or orphan whose husband or father had fallen in the war was a member of a common family to which they all belonged, and must be cared for without any element of patronage. Public-houses were in many districts the only clubs open to the working-men, and they could not be abolished until a better substitute was forthcoming. He urged voluntary workers to assist to start the proposed Y.M.C.A. and Church Army huts along the line of docks.

The comparatively few pharmacists who sell packet teas have had their stocks depleted by panic purchasers. As part of the panic and the prevalent craze for economy without science in matters of food a correspondent has sent to the Press a "new" recipe for eking out the contents of the tea-caddy. To each infusion he suggests the addition of a pinch of "carbonate of soda" and a pinch of borax. Chemists are pointing out that bicarbonate of soda is doubtless meant, and that pure borax, free from arsenic, can be obtained only from qualified dealers. The mixture, however, is condemned as risky, and, indeed, "more fit for the wash-tub than for the teapot." Domestic dalliance with chemicals is interdicted by all pharmacists, who are far more prudent advisers than anonymous correspondents, however well-meaning the latter.

Sheffield.

The military authorities have made a further demand for medical men to be released for active service. The list includes nine panel doctors, including some with large panels.

It is to be regretted that both Captain Caporn and Captain Hunter, Military Representatives, are leaving Sheffield to join their regiments again. Several cases of pharmacists have still to be decided.

The local Board of Guardians (Ecclesall) has excused the large increase in the consumption of brandy on the ground that certain stimulating drugs are now practically unobtainable, while the prices of others have increased by hundreds per cent.

The delay in payment of the panel chemists' accounts for February has been caused solely through lack of clerical assistance and inability to secure the necessary signatures to the cheques. Panel prescriptions have been largely on the increase this year.

There is very little hope for the safety of Second-Lieut. Hugill, who has been missing for some time, not having

returned from a visit to the German lines. Mr. Hugill was apprenticed to Newsholmes, Ltd., and joined the R.F.A., took part in the retreat of Mons, afterwards being injured as a despatch-rider when he received his commission, and was transferred to the R.F.C.

Miscellaneous

Mr. David Thomas, chemist and druggist, Melincrythan, near Neath, has obtained an "off" wine-licence.

An Agri-horticultural Poisons Licence is being applied for by A. E. White, Ltd., Beltring, Paddock Wood. The Kent County Council will decide the matter.

Institute of Chemistry.—Part I. of the 1917 "Proceedings" contains the report of the Council which was presented at the annual meeting of the Fellows on March 1. Among other contents is an interesting article by the Registrar and Secretary on Chemists in War.

A Silvanus P. Thompson Memorial is being got up by the Old Students' Association of the Finsbury Technical College. The sum of 250*l.* is wanted, and Mr. John E. Raworth, F.C.I.P.A., 28 Broadway, Queen Anne's Chambers, Westminster, S.W., is the President, and the one to whom cheques should be sent.

Apricot-kernels.—Mr. Edgar G. Blehm, trading as H. Keek & Co., drug-merchants, Fenchurch Street, London, E.C., in the King's Bench Division of the London High Court on February 26, admitted through counsel that he had not taken all reasonable steps to secure that the ultimate destination of 762 barrels of apricot-kernels and 250 boxes of dried peaches, which he had exported to Scandinavia, should not be enemy territory. He consented to a penalty of 1,000*l.*, with 300*l.* costs.

A Scheme that Failed.—The premises of J. M. Crosby, Ltd., chemists, 73 Newborough, Scarborough, were burglariously entered during the night of February 22. Thursday being market day, the cash takings are usually more than on ordinary days, but "the best-laid schemes of mice and men gang aft agley." The managing director (Mr. W. R. Eyre) had removed the greater part of the cash early in the evening, so that the burglar's haul was disappointing to him.

Poisonings.—Since our last report the following cases of poisoning have occurred: A Lambeth warehouseman named Hogg committed suicide by oxalic acid while temporarily insane.—At Belfast Sarah Gilbert died from laudanum poisoning; this was also a case of suicide during temporary insanity.—Mr. A. H. Barton, manager of Mr. T. A. Andrew's pharmacy at Loftus, was found at his home poisoned by hydrocyanic acid, but at the inquest no evidence was available as to the state of his mind when he took the poison.

Treatment of Venereal Diseases.—The Council of the Royal Society of Medicine has passed a resolution in favour of legislation for the purpose of rendering it a penal offence for any person other than a registered medical practitioner to treat or advise concerning the treatment of venereal diseases, or to sell, supply, or dispense drugs as a remedy for venereal diseases unless the said drugs are supplied on the prescription of a registered medical practitioner, and only for the exclusive use of the person for whom the prescription was intended.

Rebate of Spirit-duty.—The Government some time ago set aside 10,000*l.* to be paid to hospitals who use rectified spirit in the production of medicinal preparations. Mr. F. A. Hocking, B.Sc., pharmacist of the London Hospital, was one of the Committee which arranged the matter. "The Hospital" states that up to the beginning of last week there were only two requests for the form on which the return must be made. It is strongly advised that hospital secretaries and pharmacists should communicate with the Secretary, Local Government Board, Whitehall, London, S.W., in regard to the matter.

A Cocaine Prescription.—At Leeds on February 24, Hugo Goldstein (37), Chiswell Street, London, was charged with attempting to procure cocaine by presenting a false prescription, ordering 871 grains of it from Boots, Ltd., Boar Lane. The evidence of Mr. Harold West, chemist and druggist, manager of the branch, was to the effect that the prescription submitted by the accused was supposed to be by a Dr. A. M. Boyd, Maida Vale. Mr. West was suspicious and informed the police, who arrested accused when he returned for the medicine. He then admitted that he had written the prescription himself. The Magistrate remanded the accused under bail.

The Royal Society's Council has selected fifteen candidates for election as Fellows of the Society, among them being Mr. C. F. Cross, B.Sc., F.I.C., F.C.S., the cellulose and paper expert; Dr. H. D. Dakin, F.I.C., F.C.S., who has distinguished himself in regard to subjects relating to antiseptic treatment, and whose name has recently been associated with hypochlorous solution; Professor Herbert Jackson, F.I.C., F.C.S., of King's College, London, a former chemistry examiner to the Pharmaceutical Society, and distinguished in his researches on glass; Dr. R. H. Pickard, F.I.C., F.C.S., of the Municipal Technical School, Blackburn; and Dr. E. J. Russell, F.I.C., F.C.S., head of the Rothamsted Experimental Station, Harpenden.

Optical Instruction.—The report of the Committee appointed to consider and report on national instruction in technical optics was considered and approved by the Board of Scientific Societies, of which Sir J. J. Thomson is Chairman. The report summarises the requirements in regard to optical instruction as needing immediate attention to be: 1. The appointment of a supervising representative Council. 2. The appointment, under the proposed supervising Council, of an administrating director, with special duties during the transitional period, which will include advice to the trade and the organisation of the different parts of the curriculum. 3. The translation of suitable works and the abstracting of other important publications on technical optics. 4. Pending the erection of a suitable building the organisation of day and evening courses at the Northampton Institute, and arrangements for higher instruction at some other institution of University rank. It is added that the term technical optics in the report includes the chemical composition and manufacture of glass.

Irish News.

Brevities.

Mr. Alfred E. Ferris, Ph.C., has transferred his pharmacy from Naveney Street, Ballyboley, to larger premises in the High Street (next door to the Hibernian Bank).

At the annual meeting of the Belfast Wholesale Merchants' and Manufacturers' Association on February 22, Mr. George Wilson, J.P., of Wilson, Alexander & Jordan, wholesale druggists, Tomb Street, Belfast, was elected President for the year. Mr. Wm. Doig, of W. Doig & Co., wholesale druggists, Mill Street, was appointed on the General Committee.

Mr. Robert Hastings (Robert Hastings, Ltd.), Newcastle, gave evidence at the Board of Trade inquiry in Belfast on February 22 relative to the wreck of the Danish schooner *Fulvia* on November 18, 1916, in connection with which allegations were made against the local Lifeboat Committee. Mr. Hastings was complimented by the counsel for the Board of Trade on the clearness of his testimony.

Scottish News.

Brevities.

James Stobbie, chemist and druggist, Comrie, has presented a petition to the Sheriff of Perthshire to be finally discharged of all debts contracted by him or for which he was liable at the date of the sequestration of his estates.

Dr. J. F. Tocher, as Convener of a Special Committee of the North of Scotland College of Agriculture, has reported that experiments with bacterised peat had not established the claims made for it, but the experiments are not complete.

Aberdeen.

Dr. Tocher, county analyst, in his annual report, states that of the eighteen samples of drugs analysed during the year three were boric acid ointment, four tartaric acid, one zinc ointment, four lime-water, one Epsom salt, one olive oil, one ground cloves, one compound tincture of camphor, one Fowler's solution of arsenic, and one fluid magnesia. The sample of fluid magnesia was slightly deficient in its chief constituent. It contained about 30 per cent. less than the prescribed amount of magnesium carbonate.

An excellent meeting of Aberdeen chemists was held in the Central Hotel on February 23 to consider the formation of a golf club. Mr. W. Giles presided. Mr. A. G. Beattie explained the origin of the movement, and Mr. Farquhar and others heartily supported the project. A letter was read from Councillor Ness offering a cup for the final competition should the club be formed. It was decided to form a club, to be called "The Aberdeen and District Chemists' Golf Club," and the following were elected office-bearers: Captain, Mr. A. C. Bonner (subject

to his acceptance); Vice-Captain, Mr. W. F. Hay; Secretary, Mr. J. Farquhar; Treasurer, Mr. W. G. Mitchell; members of Committee, Messrs. Adan, Beattie, Bell, Duncan, Reid, Paterson, and Watt. A vote of thanks to the Chairman concluded the meeting.

Edinburgh.

More than sufficient to do is still the pharmacist's portion. One hears of chemists being unable to accept prescriptions (unless for next day) after 4 and 5 P.M.

A portrait of the late Captain A. R. Gibb, R.F.A., brother of Mr. J. P. Gibb, a director of Raimes, Clark & Co., Ltd., is to be hung in the Watsonians' Pavilion at Myreside.

Illustrations in local papers show women engaged in crushing oilseed at an Edinburgh oil and cake mill. Some of them handle, it is said, about twelve tons of oilseed per day.

The old custom of flavouring cod-liver-oil emulsion with rum is not now so common as it was. One large local institution, however, still adds half-a-gallon of the potent spirit to each batch of emulsion.

There has been a big run on alum of late. A recipe for chilblains, it appears, has been going the rounds, hence the demand. Alum is mixed with milk, boiled and cooled, and thereafter applied to the aching part.

Miss M. M. Patterson, appointed Commissioner for Women's Service in Scotland, has been released from her duties as a member of the Scottish National Health Insurance Commission. She is a native of Glasgow. Her duties will be to organise and direct Women's National Service in Scotland.

Captain Graham Bristowe Care, son of Mr. H. Bristowe Care, Abercromby Place, took some good photographs of a boxing-match in Egypt when some German Taubes crossed the field of sport. Reproductions of the photographs were printed in the "Illustrated London News" and the "Daily Mirror."

Two hundred years ago bottles were pretty much the same price as nowadays, but evidently the contents were infinitely cheaper. "There is just now come to town the excellent Scarburay Water" (runs an early eighteenth-century advertisement) "good for all diseases whatsomever, except consumption; and this being the time of year for drinking the same, the price of each chapin bottle is fivepence, the bottle never required, or three shillings Scots [3*d*. English] without the bottle."

Fifeshire.

There has been a sharp rise in the retail prices of many sundries, brought about by a corresponding increase in cost.

Kirkcaldy Insurance Committee have increased the Clerk's salary by 12½ per cent., and his allowance for clerical assistance by 26⅔ per cent.

Dispensing is at high-water mark throughout the county. Seldom if ever has the number of prescriptions reached the present figure. There has been a large increase in juvenile illnesses.

The demand for glycerin is now abating so far as the public is concerned. Some doctors have instructed chemists to replace glycerin in their "repeats" by syrup, and to notify the customer.

Glasgow and the West.

While the Irvine Sheriff was hearing a military appeal by a local dispensing chemist, Captain Galloway said that two out of the three chemists would be sufficient for the needs of Irvine. The Sheriff agreed.

One large multiple-shop concern in Glasgow has given up window-dressing. "To allow of full attention being given to customers, window-dressing has been suspended meantime." What loss may be sustained in sales is expected to be counterbalanced by saving in labour and soiled goods.

Great interest is being taken in the Royal Technical College scheme for sugar research. The scheme has been in operation for the past five years with most satisfactory results, and war conditions have helped it. A sugar lectureship is being instituted, and special attention is given to chemistry incidental to the agriculture and manufacture of sugar.

Liverpool and Birkenhead Chemists' Associations.—A smoking-concert in aid of the Benevolent Fund will be held at the Bear's Paw Restaurant, Liverpool, on March 21.

North London Pharmacists' Association.—The annual social evening will be held on March 29 at Anderton's Hotel, Fleet Street, London, E.C., the proceeds being devoted to the Great Northern Central Hospital. Tickets (4*s*. 6*d*. each) from Mr. Herbert Skinner, G.N.C. Hospital, Holloway Road, N., or Mr. A. H. Jenkin, 54 Wray Crescent, Tollington Park, N.

French News.

(From the "C. & D." Paris Correspondent.)

A Pharmacy Relic.—The frontage of the Pharmacie Lescot, which stood in the rue de Grammont, close by the Boulevard des Italiens, Paris, until the ove of the war, has been presented to the Musée Carnavalet. It is at present stowed away, like most of the objects of art, in the basement, but will doubtless be on view in due time. All who know this handsome piece of woodwork of the period of the Revolution will be glad to hear it has been preserved.

German Interests.—Judgment was recently given in the case of the French Perfumery Association and M. Coty (perfumer) *v.* La Parfumerie D'Orsay. This latter business was partly owned by Germans, and the enemy shares in the concern were duly "sequestrated" as the law directs. But M. Coty and the French Association pleaded that the sequestration should be extended to the business as a whole, and commenced legal action in support of this contention. The Judge held that the initiative in matters of sequestration must be taken by the proper judicial authority, and not by private individuals or trade associations. In this case the integral sequestration of the business would mean its financial ruin, and, in the interests of the French creditors and the non-enemy portion of the shareholders, he declined to take any such initiative.

Industrial Alcohol.—M. C. Barthe, an ex-pharmacist, who has long represented the Herault Department in the Lower House of the French Parliament, has just come before the public in a new aspect. Delegated by his comrades of the Agricultural Committee on Alcohol to draw up their report, he has taken as his motto "Alcoholism—the national peril; alcohol—the national wealth." Very briefly stated, his argument is that a large distillation of alcohol is necessary to the agricultural well-being of the farmers of Northern France. If this alcohol is, as at present, mostly used as a beverage, the peril is manifest. But, argue commonsense critics, it is too dear to utilise for industrial purposes. M. Barthe does not deny this, but proposes a simple remedy—to lay a heavy excise on the alcohol-beverage, and utilise the surplus thus raised to reduce the price of methylated spirit to the figure at which it can be purchased by manufacturers.

Army Pharmacists.—At question-time in the French Parliament, M. Lavoine asked the Minister of War why some pharmacists who had never been to the Front are still nominated auxiliary pharmacists, while others who had spent fifteen months at the ambulances at the Front had not yet been so named. The Minister replied that a few qualified pharmacists—about fifty, as a matter of fact—have not yet been appointed auxiliary pharmacists, as no posts are available. But steps have been taken to see that such posts are in future reserved for those from the Front. M. Reynouard drew the Minister of War's attention to the fact that numerous auxiliary pharmacists attached to the reserve forces are being employed as stretcher-bearers in places where they often run great risk, whereas plenty of younger auxiliary pharmacists have posts on hospital trains or in ambulances. The Minister replied that he had given instructions that auxiliary pharmacists for stretcher-bearing work should be taken according to age, the youngest being chosen first.

Paris Society of Pharmacy.—At a recent meeting, M. Crinon presented Dr. Crouzel's note on the gastro-intestinal effects of certain milks on infants. The doctor's theory is that as the composition of human and cow's milk is so different, the "maternisation" of the former must be taken as a serious and scientific operation. M. Grimbert read M. Richard's remarks on a simple and easy manner of making pencils suitable either for dermographic work or for writing on glass or porcelain; and also MM. Villedieu and Hébert's study on the conversion of alcohol into iodoform. M. François reported the results he had obtained by a study of mercury lactate. At another meeting M. Grimbert read a note by M. Fouchet on the extemporaneous preparation of hypobromites and solutions of bromine from bromides. M. Gaillard offered some observations on the chemical character of Spanish pellitory or feverfew flowers, which are used as an insecticide. He mentioned how the cherry-coloured tint produced by pure sulphuric acid on the powder of these flowers treated by the Stass-Otto method enabled him, in a recent analysis, to prove that some of this powder had accidentally fallen into food.

Mr. John C. Umney, F.C.S., has since Christmas been taking a cure, and we are glad to learn that he has benefited considerably by it.

Legal Reports.

Medicine-stamp Acts.—At Wallasey on February 21, Herbs, Ltd., Poulton Road, Seacombe, were fined 20*s.* for selling a blood-mixture unstamped.

Aerated-water Bottles.—In the Chancery Division, Dublin, on February 21 and 22, before Mr. Justice Barton, Mr. Patrick Nangle White, Ph.C., Sligo, was defendant in an action brought against him by Cantrell & Cochrane, Ltd., Bewley & Draper, Ltd., and Hovenden & Orr, Ltd., mineral-water manufacturers, Dublin, for the alleged illegal use by defendant of soda-water bottles belonging to plaintiffs. Inadvertence was pleaded by Mr. White, who offered to sign an undertaking not again to use bottles belonging to the firms named. An injunction was granted, with costs, against the defendant.

Burst of a Steriliser.—In the City of London Court on February 22 and 26, before Judge Atherley-Jones, K.C., and a Home Office Medical Referee (Dr. Murray Leslie), Arnold & Sons, surgical-instrument makers, Giltspur Street, E.C., asked the Court to diminish an award under the Workmen's Compensation Act by which Edward Brooks, 239 Chingford Road, Walthamstow, received 1*l.* a week as compensation for very serious personal injuries which he suffered while working for them in August 1913, when, owing to the bursting of a steriliser, plaintiff was injured on the head. Medical evidence was now given, and Judge Atherley-Jones said it was not such as to induce the Court to interfere with the present arrangement, and the 1*l.* a week would therefore continue to be paid.

"Oxo" and "Oxot."—Oxo, Ltd., were plaintiffs in an action before Mr. Justice Eve, in the Chancery Division of the London High Court on February 23, in which they claimed an injunction restraining George King & Co., Godolphin Road, Hammersmith, from infringing their trade-mark "Oxo." The defendants had recently, said the plaintiffs, been putting on the market a meat-preparation in cube form under the name of "Oxot," which plaintiffs said was a colourable imitation of their trade-mark. The defendants, however, said there was no intention to mislead either in the name or get-up of the boxes and cubes. His Lordship decided that there was a clear case of infringement, he having appropriated the whole of the word "Oxo" and added the letter "t." He therefore granted the injunction, with costs.

Antimony Oxide Ore Shipment.—In the King's Bench Division of the London High Court on February 27, Mr. Justice Sankey began the hearing of a claim for 1,998*l.* 18*s.* 3*d.* brought by the New Chinese Antimony Co., Ltd., of Newcastle, against the Ocean Steamship Co., of Liverpool, in respect of the short delivery in England of a cargo of 937 tons of Chinese antimony oxide ore shipped from Hankow, China, to London. After statements by counsel evidence was given to support the plaintiffs' claim, and it was said that the buyers were Cookson & Co., metal refiners, of Newcastle.—The case was continued on Wednesday and Thursday. Mr. Justice Sankey gave judgment, stating that he was satisfied that the carriage of this stuff in bulk must necessarily involve extraordinary loss of weight, and was simply "asking for trouble." Out of the 76 tons short delivered he held that the shipowners were responsible for 23 only, and at 23*l.* per ton this would come to 529*l.* He gave the plaintiffs judgment for 529*l.*, and costs.

Arsenic Act.—At the Slough Petty Sessions on February 28, Mr. Wm. Wigglesworth, chemist and druggist, High Street, Slough, was summoned for selling less than 10 lb. of arsenic uncoloured, and also for selling it to a person unknown to him. He pleaded guilty to the first summons and not guilty to the second. A policeman gave evidence to the effect that while an absentee from military service named Holman was being charged at the local police-court he took something out of his pocket, which was arsenic. Next day the sergeant went to the defendant and asked him if he had supplied arsenic to an Australian soldier. He said, "Yes; one came in yesterday, named Holman, and asked for a shillingsworth of arsenic to cure a fox's skin which he had got from Stoke Poges. I told him that the arsenic should be mixed with soap for that purpose. He said he had got the soap and had used arsenic for the purpose several times. Believing his story to be true, I supplied him with the arsenic, and charged him sixpence for it." Defendant produced his poison register. He admitted that the man was a stranger to him. Witness said, "What about selling it in less quantity than authorised by the Act?" He said, "I thought I could for that purpose." Mr. Ryland, for defendant, elicited in cross-examination that the packet as handed out was properly labelled, and the entry in the poison register was quite proper, also that defendant knew Holman. Mr. Ryland asked the Bench to treat the first case as an error of judgment, and after further evidence the Chairman said on the first charge there would be a fine of 2*l.* The Magistrates found that the second case was proved, but said that defendant did not know the purchaser within the meaning of the Act. In this case the fine was 1*l.*

Bankruptcy Report.

Re John Chambers, 78 Bellevue Road, Leeds, Chemist and Druggist, formerly trading at 22 Montpellier Walk, Cheltenham.—The first public examination of this debtor was held at the Cheltenham Bankruptcy Court on February 22. According to his own statement, the debtor's unsecured liabilities were 308*l.*, due to forty-six creditors. The total assets, allowing for deductions claimed by secured creditors, the landlord, and others, were 137*l.* The debtor was severely examined by the Official Receiver, and stated that he did not know he was insolvent when he disposed of his business in 1915 to Fletcher & Palmer. In consequence of his not keeping proper books he was unable to gauge his private expenses.

New Companies
and Company News.

P.C. means Private Company and R.O. Registered Office.

Dr. Young Co., Ltd. (P.C.).—Capital 1,000*l.* Objects: To carry on the business of patent-medicine vendors, and to enter into an agreement with H. G. Saward and J. H. Perkin, who are the first directors. R.O., Sun Buildings, Leeds.

Magic Foot Draft Co., Ltd. (P.C.).—Capital 500*l.* Objects: To take over the business carried on by J. Halsby as the "Magic Foot Draft Co." The subscribers and first directors are J. Halsby and A. F. Macevoy. R.O., 6 Wine Office Court, Fleet Street, E.C.

Arthur Girvan, Ltd. (P.C.).—Capital 100*l.* Objects: To carry on the business of dealers in physical-culture instruments and of chemists, druggists, etc. The subscribers are J. C. Ramus, 5 Apsley Street, Stepney, E., and G. C. Hayward, 11 Stonefield Street, Islington, N.

Litto Perfumery Co., Ltd. (P.C.).—Capital 100*l.* Objects: To carry on the business of manufacturers of and dealers in perfume, soap, hair-washes, toilet-requisites, etc. The subscribers and first directors are C. G. Saunders and G. Parsons. R.O., 2 Newington Green, Islington, N.

M. Wiseman & Co., Ltd. (P.C.).—Capital 20,000*l.* Objects: To take over the business of M. Wiseman & Co., manufacturers of and directors in, exporters and importers of optical, dental, and scientific goods, etc. Max Wiseman is permanent governing director. R.O., 42 Gray's Inn Road, W.C.

Radium Speciality Co., Ltd. (P.C.).—Capital 1,000*l.* Objects: To take over the business of the Radium Speciality Co., Avenue Chambers, Southampton Row, W.C. The subscribers and first directors are Miss M. Garton and P. J. Morren. R.O., Avenue Chambers, Southampton Row, W.C.

N. Paul & Co., Ltd. (P.C.).—Capital 5,000*l.* Objects: To carry on the business of manufacturers of and dealers in mineral waters, cordials, syrups, etc. The first directors are T. W. W. Idris, E. K. Bishop, W. T. W. Idris, and W. H. W. Idris. R.O., 33 King's Road, St. Pancras, N.W.

Fleet Drug Co., Ltd. (P.C.).—Capital 100*l.* Objects: To carry on the business of chemists, etc. The subscribers are W. C. Gurney, 112 Chesnut Avenue, Walthamstow, E., and G. C. Hayward, 11 Stonefield Street, Islington, N. A manager with director's powers may be appointed by or with the consent of the debenture-holder or trustees.

United Alkali Co., Ltd.—The directors have declared a dividend of 2*s.* per share on the ordinary shares for 1916.

S. F. Goss, Ltd.—The directors have declared an interim dividend on the ordinary shares of 5 per cent. for the half-year which ended on January 31.

Castner-Kellner Alkali Co., Ltd.—The accounts for the year ended September 30, 1916, show that the net profits amounted to 254,502*l.*, to which is added 61,151*l.* brought forward, less estimated liability for excess-profits duty for 1915, 45,000*l.*, making 270,654*l.* Out of this the dividend of 22 per cent. for the year has been paid, and it is proposed to carry 50,000*l.* to depreciation reserve, leaving 39,404*l.*

British Industries Fair.

The third British Industries Fair opened on February 26 in the buildings of the Victoria and Albert Museum and the Imperial Institute, South Kensington, London, S.W., and will remain open until March 9. The Fair comprises exhibits of earthenware, china, glass, fancy goods, stationery, printing, and toys and games. Many of the exhibits are very attractive, and the profusion of colours noticed at many stands lends an added charm to the *tout ensemble*. Admission is confined strictly to *bona-fide* trade buyers, and tickets can be obtained from the Director, British Industries Fair, 32 Cheapside, London, E.C. Invitations to over 70,000 British buyers have been sent out, a considerable proportion of whom, it is expected, will visit the Fair. In the glass section there is an interesting combined exhibit of six firms engaged in the manufacture of chemical and medical glassware. These comprise the firms of John Moncrieff, Ltd., Duroglass, Ltd., Ickneield Glassworks (Osler), Ltd., Wood Bros.' Glass Co., Ltd., Edinburgh and Leith Flint Glass Co., and Doulton & Co., Ltd. The exhibit well illustrates the advance which has been made in the manufacture of chemical glass, which before the war was almost entirely made in Germany. The exhibit comprises soda-glass tubing for lamp work, high-resistance boro-silicate glass flasks, beakers, test-tubes, basins, finely graduated flasks, cylinders, burettes, pipettes, etc. The Worcester Royal Porcelain Co., Ltd., have a neat exhibit of hard porcelain laboratory ware of all descriptions in standard forms and sizes. The manufacture of chemical porcelain was undertaken by the company shortly after the outbreak of war, and, although nothing of this type had previously been made in England, the company have, after extensive research work, been able to produce wares which independent tests prove to be equal to the Royal Berlin article, and the business is now placed on such a footing that it will not be necessary after the war to import the foreign product. Eley Bros., Ltd., again show an endless variety of their metal goods, these comprising shaving-stick tubes, shaving-brush fittings and ferrules, boxes for toilet-soap, powder, dentifrices, dredger tops, collapsible tubes, sprinkler tops, etc. The company have built up a large and increasing trade in these goods, and on the declaration of peace they hope to be in a better position than at any previous period of their history to meet the demand. The company have the reputation of not only being able to meet German competition but also to beat it. Ward & Goldstone have an extensive display of electric pocket-lamps, torches, refill batteries, and electric novelties generally. Since the cutting-off of enemy supplies the demand has been much in excess of stocks, but W. & G. claim to be one of the few firms who previous to the war were independent of enemy supplies, and who manufacture a wide range of electrical portable appliances. Among the novelties shown is the Spook electric lamp, the lens of which glows with a pronounced blue light, even after the switch is turned off, this serving admirably to prevent collisions in the darkened streets. The Art and Medical Brush Manufacturing Co. have an exhibit of camel-hair brushes for art and medical purposes. Mr. P. Baker, the proprietor, commenced manufacturing camel-hair brushes over eighteen months ago in order to take the place of the German-made article, and the firm are now turning out large quantities for hospital use, apart from mops, dabbers, writers, liners, etc., used by artists and by the gilding and kindred trades. In spite of the increased cost of raw materials the firm have been able to place a better and British-made product on the market at practically the same price (in some cases even at a cheaper figure) as the German article before the war, and orders are being promptly executed. The Peace Pillow Co. have a neat display of their peace-pillow for insomnia, also the perfume "Esprit de Liége" and "L'Air de Vie," a lavender-basis perfume and toilet-water; "Linsasha" sachets, perfumed with lavender, and packed in tin-foil envelopes. The "Orlwara" octagon-shaped nail-brushes are also prominently displayed. Cussons, Sons & Co., Ltd., exhibit many novelties in perfumery, toilet-soaps, and toilet-preparations in all grades, and the Berkefeld Filter Co. (British), which is entirely British, shows various patterns of filters. James Pascall, Ltd., the confectioners, show fancy boxes of chocolate, chocolate figures, and other novelties in that sweetmeat. It is beginning to be realised that the demand from abroad for English goods, now that German competition has practically stopped, is larger than ever, and previous exhibitors are quite pleased with the success they have already had. Many manufacturers have stated that they will make no effort to supply the home demand until they have satisfied that of the shippers and exporters.

A Glasgow Exhibition.

The Corporation of the City of Glasgow, under the auspices and with the support of the Board of Trade, organised a Fair similar to the London one, but devoted solely to textiles, boots and shoes, foodstuffs, and domestic chemical-products. It was opened in the Exhibition Hall, Brand Street, Govan, on Monday, February 26, and is to remain open until Saturday, March 10. The exhibitors include Brown & Polson, Lever Bros., Ltd., R. S. Hudson, Ltd., Tooth's Extract of Meat Co., Cruickshanks, Allan, Ltd., Cascin, Ltd., Scottish Co-operative Wholesale Society, logo Proofing Co., Ltd., British Dyes, Ltd., British Purchasers of the Sanatogen Co., Eucryl, Ltd., Chiswick Polish Co., Ltd., Goodall, Backhouse & Co., Ltd., Camwal, Ltd., and R. & J. Garroway. Very creditable exhibits are made.

The Manufacture of Adalin.

Before the Comptroller-General (Mr. W. Temple Franks) and Sir Cornelius Dalton at the Patent Office Court on February 23, Mr. Armstrong, on behalf of May & Baker, Ltd., Garden Wharf, Battersea, London, S.W., applied for a licence to employ patent 2888/10 ("Manufacture and Production of a New Pharmaceutical Product") and for the suspension of trade-mark 525352 ("Adalin"). The patent was taken out by the Farbenfabriken vormals Friedrich Bayer & Co., Elberfield, and assigned to the Mersey Chemical Co., a company which is being wound up by the Board of Trade. The trade-mark belongs to the Bayer Co., Ltd., which is also being wound up under the Trading with the Enemy Acts. At the commencement of the proceedings Mr. Johnson, who appeared to represent the interests of the owners or licensee of the patent, said he had been advised by the Board of Trade to adopt the same attitude as that he took up when an application for a licence was made by Boots, Ltd. (see *C. & D.*, January 27, p. 106). He asked that any licence should be subject to arrangements being made with Dr. Passmore for cancellation of the exclusive licence granted to him by the controller of the Mersey Chemical Co.

The Comptroller: It was stated at the last hearing that the licence had not been acted on, and we recommended that a licence should be granted to Boots, Ltd. The position of controllers in dealing with trade-marks and patents had not been properly considered at the time when the controller of the Mersey Chemical Co. granted a licence to Dr. Passmore. Controllers have since been advised to consult the Board of Trade before dealing with patents and trade-marks belonging to the companies which are being wound up. It has not been our practice to grant an exclusive licence, but in the case of drugs much in demand to grant as many as will satisfy the public demand. For the purpose of this case the applicants may disregard the claims to exclusive licence.

Mr. Armstrong then made his application. He said that May & Baker was established in 1834, and is "absolutely British." Many requests have been received for this drug from doctors and from abroad. May & Baker handle large quantities of veronal especially for the foreign market, and adalin is an improvement on veronal. He suggested payment of a royalty of 5 per cent. on the selling price of about 9s. per oz. The pre-war price was 5s. to 6s. per oz., and applicants hoped to bring down the price to this figure so soon as the plant was in working order and a reduction had been brought about in the price of alcohol and other raw materials. Mr. Armstrong also asked for the suspension of the trade-mark, as if any other name were employed nobody would recognise the drug.

The Comptroller: Where it is the name of the patented article the name and patent go together. You should identify the firm's name with the article.

Mr. Armstrong replied that it was proposed to call it May & Baker's adalin. He added that if necessary samples of the manufacture would be supplied for examination, but probably it would be sufficient to know that responsible chemists would make the drug. Mr. Armstrong asked whether he is right in supposing that if Dr. Passmore applied for a licence there will be a public hearing?

The Comptroller: I cannot say what will be done, but I agree that it is desirable that the grant should be considered here.

Mr. Armstrong: It would then be known who is the actual manufacturer, and enable the source of samples of the drug to be traced to the maker.

The case is to be reported to the Board of Trade in the usual manner.

Birth.

Wood.—At 114 Dame Agnes Street, Nottingham, on February 26, the wife of W. Frost Wood, chemist and optician, of a son.

Marriages.

Adam—Kerr.—At Hopemount, Craigpark, Dennistoun, Glasgow, on February 26, Duncan Stewart Adam, chemist and druggist, London, to Mary Fletcher, only daughter of Mr. James Kerr, 59 Main Street, Bridgeton, Glasgow.

Ostler—Reed.—At St. Mary's Church, Painswick, on February 14, Clement George Ostler, pharmacist, Rochester, late Demonstrator at the Bath and West of England College of Pharmacy, to Bertha Caroline Dorothea, only daughter of Mr. Edward Reed, J.P., and Mrs. Reed, The Rockery, Painswick, Glos.

Deaths.

Carter.—At 7 Ferndale, Perry Street, Hull, on February 13, Mr. Benjamin Robert Carter, chemist and druggist, aged forty.

Charlesworth.—At 780 Fulham Road, London, S.W., on February 9, Mr. Harry Hodgkinson Charlesworth, chemist and druggist, aged forty-nine.

Dobell.—At Parkstone Heights, Dorset, on February 22, Horace Benge Dobell, M.R.C.P., etc., aged eighty-nine. Dr. Dobell received his medical education at St. Bartholomew's Hospital, London, and became M.R.C.S.(Eng.) in 1849, and M.R.C.P.L. and M.D. St. Andrews in 1856. At that time he had been practising with success at 84 Harley Street, W., but in 1883 removed to Bournemouth, and practised there for some time, R. L. Stevenson being among his patients. During the past twenty years he had not practised. While in London, and later, Dr. Dobell occasionally contributed to The Chemist and Druggist, one of the most notable of his communications being on the cascara, podophyllin, etc., preparation which is known as Dobell's Aperient and has become recognised by the Board of Customs and Excise as a non-dutiable title. Dobell's Solution has become equally well known in the United States, and the formula for it is in the "National Formulary." Strange to say, Dr. Dobell informed us about two years ago that he had never heard of it. In his latter days he was conspicuous for his mental and physical vigour, and a few weeks ago it was reported that he still maintained a daily walk that he had accomplished for many years.

Harris.—In a nursing home at Leytonstone, on February 23, Mr. Charles William Harris, secretary of the Sanitas Co., Ltd.

James.—At 9 Clarence Road, Devonshire Park, Birkenhead, on February 26, Mr. Thomas Cragg James, chemist and druggist, of 80 Argyll Street, Birkenhead, aged sixty-three. Mr. Cragg James was an old-established and leading pharmacist, held in high esteem. Besides a large family trade, he did a considerable business with foreign officers and crews in the port. He passed the Minor examination in December 1878, and had a long membership of the Wirral and Birkenhead Chemists' Association, and enjoyed throughout the trade a fine reputation for skill and probity. He leaves a widow and a married daughter, the latter a vocalist well known at high-class concerts on both sides of the Mersey.

Kelsey.—At 66 Balmoral Road, Gillingham (Kent), on February 10, Mr. Wm. Kelsey, chemist and druggist, dispenser to the Invicta Medical Society. Mr. Kelsey passed the Minor examination in January 1910, being then at Smethwick, Birmingham.

Page.—On February 13, Mr. Robert Steele Page, chemist, and druggist, proprietor of the business of Bell & Co., 186 Essex Road, Islington, London, N., aged sixty-five. Mr. Page was well known and very popular amongst North London pharmacists, and his death is much regretted.

Pater.—At 265 Fulwood Road, Sheffield, on February 24, Adeline Thirza, the wife of J. Brewster Pater, chemist and druggist, aged fifty.

Rogers.—At the West End Pharmacy, Tiverton, on February 24, Mr. Oliver Rogers, chemist and druggist (late of Tunbridge Wells), aged sixty-five.

Sapsed.—At 49 Replingham Road, Southfields, London, S.W., on January 31, Mr. William George Sapsed, chemist and druggist, aged fifty-three.

Ward.—At Melbourne House, Melbourne Street, Tiverton, on February 11, Mr. Tom Goodrich Ward, chemist and druggist, aged forty-seven.

Died on Service.

Cambridge.—At Military Base Hospital, Christchurch, New Zealand, on February 19, Mr. Robert Cambridge, N.Z. Expeditionary Force, elder son of Mr. Robert Cambridge, J.P., R.D., Carrickfergus.

Carr.—Died as the result of wounds in the face and thigh inflicted by a hand-grenade, Lieutenant Charles Frederick Carr, Sherwood Foresters. Mr. Carr spent his business life in pharmacy, and passed the Minor examination in July, 1898. For about ten years he was with the late G. T. W. Newsholme, Ph.C., Sheffield, and during that time took the deepest interest in local pharmaceutical affairs, having become senior Vice-President of the Sheffield Pharmaceutical and Chemical Society, when an opportunity was offered him of joining in partnership with Ald. Fitzhugh, Nottingham. There he took great active interest in the affairs of the Chemists' Association, having been Vice-President and Hon. Secretary for several years, relinquishing the office when he took up military duties. He was fond of sport, and acted as Captain of the Chemists' Cricket Club; also was President of the Thursday United Football Club. Mr. Carr volunteered for Army service although over military age, and only left for France a few weeks ago. His death was the result of wounds accidentally received during bombing practice.

Garry.—Killed in action in Mesopotamia on February 12, Second-Lieutenant John Garry, I.A.R.O., aged twenty-six. Mr. Garry was the only surviving son of William Garry, Polton Bank, Midlothian, and was a chemist and druggist, having passed the Minor examination at Edinburgh in July 1912. Before going out to an appointment with Bathgate & Co., Calcutta, he was on the dispensing staff of the Edinburgh Royal Infirmary, and an active member of the Edinburgh Pharmacy Athletic Club and the Assistants' and Apprentices' Association. On the outbreak of war he joined the Calcutta Scottish, and after qualifying for a commission was posted to an Indian infantry regiment destined for the Mesopotamia Expeditionary Force. Mr. Garry had given high promise of continued success as a pharmacist. His last letter, written in high spirits within sight and sound of an artillery bombardment, was from a spot a few miles from Kut.

Longton.—Private John Henry Longton, King's Own Royal Lancs Regiment, who was formerly an assistant with Boots, Ltd., at Lancaster, was killed in action in Mesopotamia on February 9. He was thirty-four years of age, and leaves a widow and two young children.

Skelton.—Private P. Skelton, West Yorkshires, who has died of wounds received in action, was formerly assistant with Mr. P. L. Ridge, chemist and druggist, Harrogate. He was twenty-one years of age.

Wills.

The late Alexander Mackay, chemist and druggist, 193 The Broadway, West Hendon, left estate valued at 1,011*l.* 7*s.* 1*d.* gross.

The late Charles Durant Kemp-Welch, chairman and managing director of Schweppes, Ltd., left unsettled estate of the value of 31,003*l.* 9*s.* 5*d.*

The late Sir Samuel Walter Royse, of S. W. Royse & Co., Ltd., chemical-merchants, Manchester, left estate valued at 45,795*l.* 13*s.* gross, with net personalty 43,096*l.* 12*s.* 3*d.*

Mr. James Henry Cookson, J.P., retired alum-manufacturer, Stanley, near Wakefield, who died on May 2 last, left estate of the gross value of 13,970*l.* 13*s.* 11*d.*, and 11,276*l.* 3*s.* 5*d.* net.

Mr. James Thomas Hart, The Point, Blackheath, Kent, who died on January 4, aged ninety years, formerly in business as a chemist, left estate of the gross value of 38,114*l.* 16*s.* 11*d.*, of which 25,929*l.* 16*s.* is net personalty.

Mr. Robert John Elliot, retired chemist and druggist, Godalming, formerly of Bramfield, and of Liverpool, who died on December 23 last, left estate of the gross value of 14,947*l.* 1*s.* 1*d.*, with net personalty 14,821*l.* 2*s.* 6*d.*

Supplementary to the Report in the *C. & D.*, February 10, p. 34, we may state that Professor Thomas Purdie, F.R.S., St. Andrews, left personal estate of the total value of 69,116*l.*, of which the personal estate in the United Kingdom amounts to 66,116*l.*, and of which 29,261*l.* is in Scotland, in addition to which he left real estate.

Observations and Reflections.

By Xrayser II.

Formulæ in Australia.

I am indebted to the Editor for a note from Mr. J. Kenningham calling attention to the fact that it is the Queensland (not Australian) Senate which has defeated formulæ disclosure.

Mr. Glyn-Jones's Criticism

of the Criminal Law Amendment Bill was largely verbal, but he came to grips with realities in his remarks on the advertisements of secret remedies in medical journals, and reading between the lines of his speech it is impossible not to suspect that he meant a little more than he said with regard to the bearing on the subject of the Report of the Select Committee on Patent Medicines. Venereal diseases are no doubt the happy hunting ground of the advertising quack, but the difference between them and other diseases in this respect is only one of degree, not of kind, and there is reason to doubt whether the present extremity is not being exploited by a certain section of the medical profession with ulterior views of a much more far-reaching character. The convenience of the profession and the interests of the Press are a little too obviously safeguarded for us to accept without question the notion of the absolutely disinterested motives of the medical backers of this Bill. That, as drawn, it is open to abuse one of Mr. Glyn-Jones's verbal criticisms showed, reminding us of the case of the man charged with being suspected of being a suspicious person.

The Position and Prospects of Pharmacy

have during the last few months been discussed almost *ad nauseam*, but I welcome an improved tone in some of the more recent utterances on the subject—a return (if I may say so) to commonsense. This is very noticeable in your last week's reports of Association meetings, and it is, perhaps, a good sign that three of the addresses I have particularly in view were by men with Scottish names. I come from sufficiently far North to regard Northern opinion with peculiar respect, especially on all practical matters, and I rejoice to see the business end of pharmacy so well upheld as it is in the addresses referred to. The fact is that pharmacy will always be what individual pharmacists make it; it will always be a personal rather than a professional problem that we shall have to deal with in our endeavours after its improvement. No machinery, no organisation, can ever do more for us than provide a fair field for individual action. Our position is not all that we might reasonably think it ought to be in view of the demands made upon us, but it compares favourably with that of any other class of tradesmen, and it is as tradesmen that we must stand or fall. The fact is not affected by the further fact that we are something more than tradesmen. We have our basis in trade, and we must make our basis firm before we can profitably build anything upon it.

"Tilting at a Windmill"

seems to me a very fair illustration of the folly of attempting to eliminate cutting by publishing a minimum price list. Some weeks since I confessed to an open mind upon the subject, but consideration has brought me to the opinion just expressed. Something, of course, depends on the character of the list, but if the prices are such as admit of cutting without actual loss they will still be cut by some people, and if the prices are so low that they cannot be cut there is still the likelihood that many who have been getting higher prices will drop to the minimum for fear of being undersold by their neighbours. They will argue that these prices may be widely current, or at any rate may become so, and they will act accordingly. The idea of first fixing a minimum and then gradually rising above it is, I am convinced, fallacious: the natural tendency is to sink rather than to rise, and I know of nothing in business more disheartening than the attempt to raise the character of a business that has been let down. I am afraid my views may seem a little cynical, but I have had a wide experience, embracing all sorts of businesses, and I have too often found that agreements with regard to prices bind the scrupulous but do not bind the unscrupulous.

The Apothecary

who accompanied Henry II. to Ireland was an early bird, and if he did not catch his worm he at least deserved it. Henry went to Ireland in 1171. The first "apothecaries" in Western Europe of whom Wootton has any mention were retail shopkeepers merely at Cahors, in 1178. Perhaps Henry imported some of this breed from Aquitaine. The word "apothecary" means literally a storekeeper. The earliest English apothecary of whom I have heard was one "John le Espicer, aut Apotecarius," who was Mayor of York in 1273 (see Bardsley's "English Surnames"), which is above seventy years before the date given by Wootton for "the first definite allusion to an apothecary in England," and nearly a hundred before the first date given for the word in the Oxford Dictionary. Bardsley says the two trades of spicer and apothecary were distinct in character, though they had much in common, the latter specialising in physic in a way the other did not, and this may have been the case at that date, as it certainly was later, but from the first there is no evidence of this. It would be very interesting to know more of the Dublin man to whom Dr. McWalter refers, as mentioned in your Winter Issue article.

Personalities.

Mr. T. C. Cornwell, Ph.C., Hanley, has been elected a Vice-President of the North Staffordshire Traders' Association.

Mr. D. J. Bailey, chemist and druggist, South Shore, Blackpool, has been elected a Vice-President of the local Tradesmen's Association.

Mr. James Grime, chemist and druggist, formerly of Darwen, now in Manchester, had an accident to his foot before the New Year, and the limb has now been amputated.

Mr. J. G. Robertson, pharmacist, who was on the staff of Hough, Hoscason & Co., Manchester, has become general manager with G. F. Merson & Co., manufacturing chemists, Edinburgh. Mr. Robertson, before leaving Lancashire, was elected a life member of the Manchester and Salford Caledonian Association in recognition of his services as Hon. Secretary of that organisation.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

227/44. "Sugarene," or "Sugarine," sugar substitute.

229/65. White opal pots, 2-oz.: supplies.

229/61. "Simetti" hair-dye.

INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, The Chemist and Druggist, 42 Cannon Street, London, E.C.:

"Analax," 228/32
Barrett's Cold-cream, 228/45
Bell's antiseptic floral-spray, 223/21
Claire's grease-paint, 214/25
Cleaning-pads, 196/73
"Crystal Corn-syrup" glucose, 208/53
Curtis's mouth-wash, 202/33 and 224/69
"D" Solution (Dr. Melville Davidson's), 213/62
"Eczemacide," 227/38
"Equinoint," 227/48
Health salts, 210/71
Hermotone tablets 212/48
Hudson's vegetable leaflets, 204/43
Hypodermic syringes (French makers), 216/24
"Iodatol" (Iodipin substitute), 202/32
"Iodomints," 223/18
"Jubol," 227/42
"Liquifruta," 219/3.
"Mabela" food, 198/49
"Maglactis," 224/57
"Nell Gwynne" perfumery, 196/70
"Novocain," 228/14
Offord truss 228/29
Silicate of soda, 215/51
Snowfire tablets, 203/62
Solution Pantanberg, 224/57
Sticking-plaster, 214/24
Terpinol, 206/47
Tooth-picks, 209/36
Trench-pillows, 229/51
Vacuum flasks, 227/28
Wire fly-catchers, 224/51

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"Sanitas Sypol" (Improved Lysol).
"Sanitas Sulphur Candles."
"Sanitas Formic Sulphugators."
"Sanitas Formitas Outfits."
"Sanitas Formigators."
"Sanitas Drain Testers."
"Sanitas Polishes."
"Sanitas Distemper," for walls.
Peroxide of Hydrogen (Kingzett's Preserved).
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Sole Proprietors of "Pylitna Powders" the internal specific for Hæmorrhoids.
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ART OF DISPENSING. (9th Edition.) 596 pages. 6/-, by Post 6/5.
VETERINARY COUNTER PRACTICE. 4/6, by Post 4/11.
ELEMENTARY DISPENSING PRACTICE. 3/6, by Post 3/10.
DISEASES AND REMEDIES. (5th Edition.) 3/6, by Post 3/10.
PRACTICAL METHODS OF URINE ANALYSIS. 2/6, by Post 2/10.
GUIDE TO PRELIMINARY EXAMINATIONS. 2/6 by Post 2/10.
MANUAL OF PHARMACEUTICAL TESTING. 2/6, by Post 2/10.
OPENING A PHARMACY. (3rd Edition.) 2/6, by Post 2/10.
CHEMIST'S DICTIONARY OF SYNONYMS. 2/6 net, by Post 2/9.
CHEMIST'S DICTIONARY OF MEDICAL TERMS. (3rd Edition.) 3/-, by Post 3/4.
PROVINCIAL HOSPITAL PHARMACOPŒIAS. 2/6, by Post 2/9.
CHEMISTS' WINDOWS. 3/6, by Post 3/10.
MINOR EXPERIENCES. 2/6, by Post 2/9.

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Editorial Articles.

Registration of Business-names.

Registration under the new Act commenced on Thursday, February 22, the offices for registration being at 39 Russell Square, London, W.C. (for England and Wales), at Exchequer Chambers, Parliament Square, Edinburgh (for Scotland), and at Coleraine House, Dublin (for Ireland). As we have already explained (*C. & D.*, February 17, p. 35), the printed forms to be used can be obtained from the principal post-offices. So far the registrations effected have not been so numerous as was expected. In London, for example, there is a trained staff capable of dealing with 20,000 registrations a day, but so far the number registered is not more than 500 or 600 a day. A very large number of inquiries keep the officials busy, but many of the subjects are in regard to points of law, which should be addressed to the Board of Trade rather than the Registrar. A 5*s*. stamp is required to be affixed to each application form, that being the fee for registration, and if applicants are unable to obtain a 5*s*. stamp they should make up the amount with stamps of the greatest value possible—*e.g.*, two 2*s*. 6*d*., not sixty penny stamps. Three registration forms are provided: R.B.N. 1, for application by an individual, contains eleven questions; R.B.N. 1a, for a firm, has also eleven; and R.B.N. 1b, for a corporation, has fourteen questions, 8 to 13 being additional particulars in respect to the carrying-on by the corporation of the business wholly, or mainly, as nominee or trustee of or for another person or persons, while 14 elucidates additional particulars when the corporation acts as general agent for any foreign firm. The following are the questions given on R.B.N. 1:

(1) The business name.
(2) The general nature of the business.
(3) The principal place of the business.
(4) The present Christian name (or names) and surname of the individual.
(5) Any former Christian name (or names) or surname of the individual.
(6) The nationality of the individual.
(7) The nationality of origin of the individual, if not the same as the present nationality.
(8) The usual residence of the individual.
(9) The other business occupation (if any) of the individual.
(10) The date of the commencement of the business if the business was commenced after December 22, 1916.
(11) Any other business name or names under which the business is carried on.

The questions given on R.B.N. 1a, for the registration of a firm, are similar in character, but we learn that a considerable number of individuals who are carrying on business under firm names are applying for registration

on Form R.B.N. 1a instead of R.B.N. 1, which form must be used in all cases where a business belongs to one individual although he carries it on under a firm name, such as Jones & Smith, or Jones & Co., without any partner, he, Thomas Jones, being the sole proprietor of the business. In the case of a firm with a number of partners provision is made on the application form for the signatures of one or more of the partners, and against questions 6 to 11 are seven spaces, there being the same at the bottom of the form for seven signatures; but when one partner only signs, as is legally possible, he must obtain also Form R.B.N./S.D. for a statutory declaration to the following effect:

I .....

of .....

do hereby solemnly and sincerely declare that all the particulars contained in the statement, dated the.....day of.....19....., and signed by me, which is now produced and shown to me, marked.....are true.

And I make this solemn declaration conscientiously believing the same to be true, and by virtue of the Statutory Declarations Act, 1835.

This statement the partner has to sign before a Commissioner of Oaths or other authorised person. It may be stated that a *per pro.* signature is useless, and the individual must sign for himself; but we understand that the Registrars are making allowance in respect to persons who are abroad, although even in these cases application by existing liable individuals and firms should be made not later than March 21, the matter being explained to the Registrar, who will make due allowance so as to enable the registration to be effected when the person returns home. We are still receiving many inquiries in regard to the Act, and we may repeat that if persons are trading under their own surnames with no additions except their Christian name or names, or the initials thereof, it is not necessary to register under the Act, but if anything is added to the true name, or if the business is carried on under a fancy title, registration is necessary. Thus, Thomas Jones, chemist and druggist, may trade without registration as "Jones, Chemist and Druggist," or as "T. Jones," or as "Thomas Jones," but if he trades as Jones & Co., or Jones's Drug Stores he must register as an individual, using form R.B.N. 1. If Thomas Jones is in partnership with John Smith as Jones & Smith, Chemists and Druggists, they do not require to be registered, but if their trading name is "Jones & Co.," or "Jones, Smith & Co.," or the "The J.S. Drug Stores," they must register as a firm, using application form R.B.N. 1a. In all cases where registration is carried out the individuals or firms are bound by the terms of the Act, and the true names of the individual or partners must appear on business letters, trade catalogues, trade circulars and showcards on which the business name of the individual or firm appears, and which are sent to any person in any part of his Majesty's dominions.

Restriction of Imports.

The Government's proposals for the restrictions of imports as outlined by the Premier on February 23 (see p. 33) have little concern for the chemical and drug trades as such, and it is satisfactory to find that it has not been necessary to cut down drug imports. Of the allied trades, probably the ban on the importation of aërated, mineral, and table waters is the most interesting announcement, but British makers of aërated waters will view this step with complacency, as competition from all foreign sources is now completely eliminated. Previous to the war, a large quantity of our imported table-waters came from Germany and Austria, and when these supplies were cut off, France filled the vacancy, and to a slight extent Japan as well as Norway. Formerly Britain was a large consumer of imported table-waters, as we note from the Board of Trade Returns that in 1914 (in spite of five months of war) the importations were 1,548,326 dozen bottles, valued at 312,659*l.* In 1915 the imports declined to 780,997 dozen bottles, valued at 160,209*l.*, and in 1916 there was a further decline to 144,466 dozen bottles, valued at 34,037*l.* We note that in January 1917 the imports were 57,348 gals., but comparisons with last year are not available, as since May 1916, when table-waters became liable to import-duty, the Returns have been altered from "doz. bottles" to "gallons." This cutting-off of foreign imports is not likely to affect prices of British table-waters, and we do not suppose the public will be inconvenienced.

"Glass manufactures not already prohibited" is an item which is of interest to the drug-trade, as it includes bottles of all kinds, the imports of which during the past three years have been as follows:

	1914	1915	1916
Gross	1,305,400	705,675	1,430,166
Value	£574,588	£440,565	£968,404

The new restriction will affect our supplies of medicine-bottles to a certain extent, but doubtless some will be imported under licence. French perfumery is hard hit by the ban on this luxury, especially as since the war France has done a largely increased trade with this country, where, it may be said, French perfumery products have become more popular than ever among the working classes. Perfumery is not separately classified in the Board of Trade Returns. We also note that the imports of painters' colours and pigments have been selected for restrictions. These are partly raw material, as in the case of barytes. We note the following imports during the past three years:

	1914 Cwt.	1915 Cwt.	1916 Cwt.
Barytes...	631,870	141,739	184,704
Nickel oxide	25,264	33,463	24,306
Red lead	39,621	2,111	12,592
White lead	282,742	174,502	160,215
Zinc oxide	354,708	379,247	275,902
Unenumerated ...	729,713	490,710	568,647
Cwt.	2,063,728	1,221,772	1,226,366
£	1,669,059	1,515,456	2,120,321

A good proportion of the above came from the United States and Holland, particularly the lead products and lithopone. In view of these large imports showing our dependence on foreign sources, it is difficult to see how advanced prices on painters' colours and pigments can be avoided. It is presumed that we have now ample supplies of tanning extracts, as we note that "quebracho, hemlock, oak, and mangrove extracts" have been selected as items that can be done without. The imports are not separately recorded, but since the war many cargoes of quebracho and similar tanning extracts have been received. Incidentally we note that the Argentine producers of quebracho extract have just concluded an agreement to limit their production. Soya-beans are another item which Mr. Lloyd George has eliminated. The beans come chiefly from Manchuria and Japan, imports during the past three years being as follows:

	1914	1915	1916
Tons	71,161	170,910	65,364

We understand that the yield of glycerin from soya-bean oil is smaller than from other seed oils, and this has consideration at present; while there are objections to the use of the bean and cake as a fodder, which may also have borne weight. Importation of almonds and nuts used for the table is prohibited, but this would not, of course, prevent pressers of oil from obtaining their supplies of raw material. The prohibited list also includes raw cocoa, preparations of cocoa, coffee, diatomite and infusorial earth, photographic apparatus, straw envelopes for bottles, articles and preparations containing sugar used for food (except condensed milk). Apart from the above there are many other articles on the prohibited list, and it will be necessary for the many trades concerned to adjust themselves to the new conditions. Various produce-trade associations in London are assisting the Government with expert advice, and it is suggested that in approaching Government Departments combined action is much preferable to that of individuals. We daresay the Drug Club will see to this so far as drug materials are concerned.

Trade Notes.

The Address of Zol, Ltd., is 106 Church Street, Kensington, London, W.

Mr. Jacob Hertz, who has been trading as Hertz & Co., 9 Mincing Lane, London, E.C., is now trading in his own name as the sole partner in the business.

Electric Torches.—Two special lines in electric torches are the feature of the advertisement of Archibald J. Wright, Ltd., manufacturing electricians, 61 Eden Grove, Holloway, London, N.

P.A.T.A. February Additions.—Anzora Viola; Duncan, Flockhart & Co.'s goods (additional); New Liquid Kolynos; Tetlow's Pussywillow; and Thompson & Capper's goods (additional).

Glass Bottles.—Large stocks are held of all kinds of glass bottles by A. Ruch & Co., Ltd., 28 Martin's Lane, Cannon Street, London, E.C. The company's advertisement is in this issue.

Gripe-water.—We understand that W. Woodward, Ltd., 79-81 Fortess Road, Kentish Town, London, N.W., are repeating in this issue their new list of retail prices for gripe-water which we referred to on February 17.

Teasdale's Chlorodyne.—The alterations in the price of Teasdale's chlorodyne and magic tooth-essence, which take effect on March 1, are given in the advertisement in this issue of The Teasdale's Chlorodyne Co., 1A Ellercroft Road, Bradford.

Spring Window-shows.—Edward Cook & Co., Ltd., soap-makers, Bow, London, E., make a special offer for spring window-shows. The details are given in our advertising columns, where the profit is shown to be 75 per cent. on the outlay.

The Business of Geo. Haller & Co., 52 Leadenhall Street, London, E.C., is being conducted under Mr. Haller's full name, John George Haller. This has been decided since the note under "Personalities," *C. & D.*, February 24, p. 48, was printed.

A Polyglot Circular.—G. B. Kent & Sons, Ltd., 75 Farringdon Road, London, E.C., as manufacturers of British brushes, have just issued a beautiful souvenir book relating to their manufactures. The frontispiece is an excellent picture of the Farringdon Road premises, and following the title-page are the portraits of the six British sovereigns who have reigned while "the House of Kent has held its foremost position as the makers of the best British brushes." This is followed by a page of portraits of the heads of the house: William Kent, founder, 1777; John James Kent, his successor, 1789-1854; George Barton Kent, 1826-90; his two sons, Arthur Barton Kent and Ernest Neild Kent, and his grandson, Humphrey Neild Kent, who represents the fifth generation of the house. Then comes a group of brush pictures on a left-hand page, which is followed by eight pages of other brushes, the right-hand pages being devoted to a concise statement of the history of the products of the house, this being given in French, Russian, Italian, Spanish, Danish, Dutch, Esperanto, and Chinese. The monograph is exceedingly effective, and has, we understand, been read by Mr. A. Barton Kent, a linguistic expert. The pamphlet is regarded in a certain high quarter as one of the most effective demonstrations of British ability to do the right thing in the promotion of British industry.

Touching Cocaine, a northern pharmacist relates an incident showing the necessity of the lock and key when boys are behind the counter. This gentleman engaged a new boy, who soon displayed alarming symptoms of illness, turning green and calling for an immediate emetic followed by medical treatment at home for some days. As he would give no account of his acts, and strenuously denied having tasted any of the contents of the pharmacy, the case could only be classed as mysterious. The boy returned to work, and in three weeks had a second attack like the first. He again denied persistently the self-administration of any drug. The original treatment brought another recovery. Nothing transpired until a few weeks later, when the pharmacist discovered that a full box of capsules of tempting appearance had been tampered with. A small quantity of of the seeming "sweeties" was missing, and the boy, begging that his father might not be informed, confessed his theft and folly. He had been tempted by the look of the capsules, and had consumed on each occasion several grains of cocaine. In spite of his suffering and severe reprimand he seemed to fear the cane more than the cocaine or the doctor.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

Census of Production under the Existing Act.

A census of production would have been taken in 1918, but the Government have introduced a Bill postponing the census. The Bill passed the third reading in the House of Commons on February 28.

The Shops Closing Order.

The existing Closing Order for shops expires in April, and in the House of Commons on Monday, February 26, the Home Secretary intimated that before arriving at a decision as to its renewal or otherwise, he would fully consider the representations which he had received both for and against.

Isle of Wight Bee Disease.

Captain Bathurst, M.P., announced on February 27 that arrangements have been made between the Sugar Commission and James Pascall, Ltd., for the supply of medicated candy for bees at 4*s.* 7*d.* per 5 lb., exclusive of postage. He does not think that bee-keepers object to its use. The candy is medicated with bacterol.

The Fuel Committee.

It is announced by the Board of Trade that owing to the shortage of man power the Fuel Research Committee, just appointed, must in the first instance devote its attention to problems of coal utilisation, and not the utilisation of the peat resources of Ireland and the method of producing suction gas and obtaining valuable by-products.

Criminal Law Amendment Bill.

The Government have adopted the suggestion of Mr. Glyn-Jones, M.P., and will refer the subject-matter of the Criminal Law Amendment Bill and the Bill about to be introduced by the Local Government Board to a Grand Committee.

It is expected that Lord Rhondda will introduce in the House of Lords next Tuesday a Government Bill dealing with two aspects of the question of venereal disease. It is understood that the chief clauses of the Bill are concerned with the prevention of the sale of quack remedies and of the treatment of venereal disease by unqualified persons. The intention is (as already stated) that the Bill shall be considered by the Committee to which the Criminal Law Amendment Bill has been referred.

Exports of Morphia and Morphia Salts.

In reply to a question by Sir William Collins on February 26, Mr. Balfour, as Foreign Secretary, stated that the quantities and value of morphia and morphia salts of British manufacture recorded as exported to Japan (including Formosa and Japanese leased territories in China) during the three years 1913-15 amounted to 252,110 oz., valued at 118,794*l.*, in 1913; 352,130 oz., valued at 143,975*l.*, in 1914; and 204,742 oz., valued at 136,059*l.*, in 1915. These figures do not include exports by parcel-post, respecting which no figures are available. With regard to the eventual destination of this morphia and the uses to which it was ultimately put, these are questions which concern the Japanese administration, but are outside the competence of his Majesty's Government, who are of opinion that it would not be desirable to put the Opium Convenion into force pending the deposit of ratifications by all the signatory Powers.

Sir William Collins: Is this not evidence that much of this morphia finds its way into China in substitution for opium?

Mr. Balfour: I am afraid I have no information on the point.

Apothecaries' Assistants and Military Dispensers.

In the House of Commons on February 27, Sir William Collins asked the Home Secretary what action has been taken to give effect to Sub-section (*b*) of Section 4 of the Poisons and Pharmacy Act, 1908, as recommended by the Departmental Committee on the supply of drugs in 1913 [Cd. 6853] in order to provide for the registration as pharmaceutical chemists of persons holding Colonial diplomas, of qualified military dispensers, and of certified assistants under the Apothecaries Act. The Home Secretary replied that by-laws were made by the Pharmaceutical Society and approved by the Privy Council in 1912, providing for the registration under certain conditions of holders of Colonial certificates. No by-laws have, down to the present time, been made by the Council of the Pharmaceutical Society in respect of military dispensers or certified assistants to apothecaries, though they have been strongly urged by the Privy Council office to give effect

to the intentions of Parliament in the matter. Without further legislation there does not appear to be any action which the Government can take in the matter.

The Cocaine Inquiry.

Replying to Mr. Raffan and Mr. Denniss in the House of Commons on February 26, the Home Secretary said he had received the report of the Committee appointed to consider the question of authorisation for the use of cocaine in dentistry which had been presented to Parliament that day. He hoped that copies of the report will be available to members shortly. The report, he added, raises some questions that will require consideration, and he therefore proposed to suspend the general permit to unregistered practitioners in dentistry to use solutions containing not more than 1 per cent. of cocaine from February 28 for a period of two months. (Hear, hear.)

Our Parliamentary representative has authority for stating that the Departmental Committee on Cocaine found that there was no evidence of the cocaine-habit being prevalent among the general population, but that the habit was confined to a small section of the Colonial troops and a very inconsiderable number of broken-down medical men. The Committee considered it proved that cocaine is a dangerous drug, and therefore that its use in solutions stronger than 1 per cent. should not be allowed to people who are not qualified either as doctors or dentists, or who do not belong to a dental practising Association the rules of which have been approved by the Home Office. Other persons practising dentistry found to be sufficiently qualified by the local authorities would be permitted to use cocaine in solutions below 1 per cent.

Australasian News.

"The Chemist and Druggist" is supplied weekly to all the members of eight Chemists' Societies in Australia and New Zealand.

New South Wales.

Pharmacy Act Prosecutions.—Three cases are reported of infringements of the Pharmacy Act. The evidence that the defendants pretended to be pharmacists was that they dispensed prescriptions written by legally qualified medical practitioners.

The Sale of Sargol.—At the Central Police Court, Sydney, recently, A. W. Boyton, manager of the Sargol Co., was, under the Pure Food Act, fined 10*l.*, with 3*l.* 9*s.* costs, for having sold sargol, a drug falsely described as enabling thin people to become fat. The Government analyst's certificate showed that sargol contains lecithin, dried blood, hypophosphites of calcium, sodium, and potassium, magnesium, and a small quantity of zinc, probably as carbonates, with saccharine and starchy matter. The tablet deprived of coating weighed about 4.5 gr. An appeal has been lodged.

Trade Names.—The Presidents of the Pharmacy Board, the Pharmaceutical Society, and five other Associations connected with pharmacy have petitioned the Prime Minister:

(1) To withdraw permission granted to any person or persons to use the words "Aspirin" and "Lysol" during the course of the war.

(2) To declare a short name as a synonym for acetylsalicylic acid, that can be used without other restriction than the ordinary standard of purity laid down by the British Pharmacopœia.

The name suggested in the petition as suitable is "Eutosal."

Victoria.

Human Milk.—The "Gazette" of November 15 contained a regulation fixing the approximate composition of human milk as fatty solids (milk fats) 3.5 per cent., proteins 1.7 per cent., sugar (lactose) 6.5 per cent., ash 0.35 per cent. This standard is fixed in the comparison with infants' food in Regulation 20.

Signing Prescriptions.—A Bill has been introduced in the Legislative Assembly, as an amendment of the Medical Act, which makes it compulsory on medical men to place their address and name on prescriptions. The effective clause is as follows:

"Every prescription of a legally qualified medical practitioner shall be in writing and be dated and bear the address and usual signature (including the surname) of such practitioner. Any such practitioner who contravenes or does not comply with the provisions of this section shall be liable to a penalty of not more than five pounds."

Associations' Winter Session.

Birmingham.—The sum realised by the whist-drive held by the Birmingham Pharmaceutical Association at the Grand Hotel on January 31 (see *C. & D.*, February 10, p. 47) was 33*l.* 15*s.* 6*d.* This has been forwarded, one-half to the Y.M.C.A. Huts Fund and one-half to the Snow Hill Rest Station (St. John Ambulance). The circular recently sent out by the Sub-Committee, soliciting contributions for the entertainment of wounded soldiers and sailors, has so far resulted in a subscription totalling 38*l.* 6*s.* 6*d.*, which has been forwarded to the Central Committee. The Secretary informs us that the list is still open for further subscriptions.

Bradford.—The annual meeting of the Bradford Pharmacists' Association was held on February 27, Mr. R. T. Silson (President) in the chair. The Pharmaceutical Society's circular regarding the provision of substitutes for assistants passed for general service was referred to, but Mr. Cawthron, of the Bradford Chamber of Trade, reported that so far as the Bradford Tribunal is concerned the substitution scheme has been dropped, as it has been found unworkable. The Hon. Secretary (Mr. F. E. Burdett) submitted his annual report, which was approved, as also was the financial statement which the Treasurer (Mr. W. I. Jolly) presented. The election of officers then took place as follows: *President*, Mr. R. T. Silson; *Vice-Presidents*, Messrs. J. A. White and A. Faull; *Council*, Messrs. Etchells, W. Wilson, and A. C. Pyecroft; *Treasurer*, Mr. W. I. Jolly; *Hon. Secretary*, Mr. F. E. Burdett. Mr. Burdett next submitted a scheme of service by rotation, approved by the Insurance Committee, during the hours when the chemists' shops are closed under the early-closing order. In the districts which contain only one chemist's shop the chemist will be required to arrange to the satisfaction of the Insurance Committee in regard to a satisfactory service for the needs of insured persons up to a reasonable time after the closing of doctors' surgeries, and also on the evenings of Wednesdays, Sundays, and Bank Holidays. In the districts in which there are several chemists each remain open in rotation during the required times for one week, commencing Sunday midnight. The hours are up to 9 P.M. weekdays, and from 6 to 7 P.M. on Sundays and Bank Holidays. This service will be paid for at the usual Tariff rates. Service, at the requirement of a doctor, outside the ordinary hours and the special hours provided, if the doctor does not do his own dispensing, will be paid for at the Tariff rates for the ingredients, plus a dispensing-fee of 6*d.* each prescription. All such prescriptions will be endorsed "urgent" by the doctor.

Chemical Society.—The Council has issued the lists of new office-bearers proposed to be elected at the annual meeting on March 29. Professor W. J. Pope, F.R.S., Cambridge, is to succeed Dr. Alex. Scott as President. The retiring Councillors include Dr. George Senter, but another pharmaceutical chemist, Dr. T. A. Henry, of the Imperial Institute, is proposed as a Councillor. It is intimated that the lecture by Mr. A. Chaston Chapman, F.I.C., entitled "Some Main Lines of Advance in the Domain of Modern Analytical Chemistry" will be delivered on Thursday, March 15, at 8 P.M., instead of, as previously announced, on May 17. On the latter date Dr. Horace T. Brown, F.R.S., will give his lecture on "The Principles of Diffusion; their Analogies and Applications."

Harrogate.—A meeting of the Harrogate Pharmaceutical Association was held on February 23, Mr. A. W. Wood (President) in the chair. Mr. F. Pilkington Sargoant addressed the meeting on *The Pharmaceutical Position*. Replying to recent criticisms of the Pharmaceutical Society, he said they are told that the "supreme problem" before pharmacists is "constitution of the Pharmaceutical Society," and that "the Society remains much as it was seventy years ago." Referring to the so-called business and professional interests in pharmacy, and the suggestion that there should be a clear line of demarcation between the two, there are not, he said, two such separable interests in the pharmaceutical, medical, or any other profession. It is incorrect to assume that any *bona-fide* pharmaceutical transaction by a pharmacist is not part of his professional duties, just as it would be incorrect to assume that any so-called purely professional work is not part of his business. Let us rid ourselves of any such foolish spirit as enunciated recently that "shopkeeping is a millstone round the neck of pharmacy." A favourite myth held by all critics appears to be that the action of the Society is limited in some mysterious way by its Charter. No question ever arose that could not be dealt with by the Council. It is suggested that the Society has "grabbed the

machinery of the Pharmaceutical Committees." It must have been forgotten that Pharmaceutical Committees were formed as a direct result of the strenuous work of the Society's Council and officials, and he could testify to the material assistance which has been rendered to the Insurance Committees of Leeds and West Riding County by the officials of the Society. Very probably the members of the present Local Associations Executive, nearly all the members of which are Chairmen or Secretaries of Pharmaceutical Committees, would be the men to "carry on" if ever the Trade Federation were formed. We should thus have the same men carrying on the same work with new and less competent officials at a much greater cost, and without having behind them the magnificent driving power of the Pharmaceutical Society. A discussion took place, and Mr. Sargeant received a vote of thanks for his address. The President then, on behalf of the Association, presented a clock to Mr. C. F. Mote, Maw's local representative, who is leaving Harrogate to join the Royal Navy. Mr. Mote suitably acknowledged the gift.

Hull.—A meeting of the Hull Pharmacists' Association was held on February 22, Mr. L. S. Sellé (President) in the chair. The President raised the question of how to obtain better prices for Insurance dispensing and to fix a price per hour for the services of chemists. The meeting agreed to the basis of 3*s.* an hour. On the question of the gross profit to be charged on the cost of drugs and appliances to cover establishment-charges and give a fair commercial profit several suggestions were made, and eventually it was agreed to fix 33 per cent. as the gross profit all round. In regard to differential dispensing-prices it was decided to adopt flat rates, one for medicines compounded and another for uncompounded medicines. Mr. Tiffany gave members advice on how to obtain a rebate of 1*s.* 9*d.* a gal. from the Inland Revenue in respect of spirits used in compounding. The necessary forms are obtainable from the Inland Revenue Office. At the close of the business the members were entertained to tea by the President.

Irish Assistants.—At a meeting of the Committee of the Irish Chemists' Assistants' Association, held on February 22 at 38 Upper Sackville Street, Dublin, the President (Mr. J. Hogan) in the chair, a resolution was adopted regarding the closing-hours in Cork. A vote of sympathy was passed with the relatives of Second-Lieutenant J. T. Dewar, Royal Irish Rifles, who was killed in action recently. Prior to his joining the Army Lieutenant Dewar was a member of the pharmaceutical craft in Dublin.

Liverpool.—At the meeting of the Liverpool Chemists' Association on February 28, Mr. W. P. Evans (President) in the chair, Mr. H. Humphreys Jones, F.C.S., gave an address on *The Metric System*, in which he advocated the adoption of the system. There was a good discussion. Six members were elected.

Middlesex.—A meeting of the Middlesex Pharmaceutical Association was held on February 14 at the Holborn Restaurant, London, W.C. The reports of the various district Associations were discussed and business matters dealt with. Owing to the "combing out" for military service it has become necessary to consider ways and means whereby the work of the men called up should be carried on so as not to cause disturbance or loss to those serving their country. A Committee is considering this problem.

Royal Society of Arts.—At the meeting held on February 28, Dr. Robert Hutchison in the chair, Mr. F. A. Hocking, B.Sc., pharmaceutist to the London Hospital, gave a lecture on *The War and our Supply of Drugs.* The subject was dealt with in three sections: (1) What drugs were in use before the war, and to what extent were we dependent upon Central Europe for these; (2) the difficulties arising out of the war and to what extent these have been surmounted: (3) the period after the war. The list of vegetable drugs formerly derived from enemy countries was given as aconite, belladonna, colchicum, digitatis, gentian, henbane, opium, and possibly valerian. The difficulties of supply have for the most part been surmounted. He deprecated the waste of energy which is being applied by amateur drug-growers. Other groups of drugs were dealt with, the synthetic remedies being those with which the difficulties of supply were greatest. The discussion was taken part in by, among others, Mr. Whiffen, Mr. J. C. Shenstone, Mr. Langford Moore, Mr. Francis Ransom, Mr. O. E. Bennett, Colonel Cunningham, and Mr. J. J. Phillips.

South Wales Federation.—A meeting of South Wales chemists was held at Cardiff on February 21 to consider the formation of a Federation of South Wales and Monmouth Chemists' Associations. Mr. A. Hagon was in the chair, and in opening the proceedings said that in founding a Federation they had to bear in mind that it needs constant enthusiasm to keep it together. The question must also be considered whether a Federation of Associations or Pharmaceutical Committees is desired. Mr. Benson Harries, President of the Newport Pharmacists' Association, who is one of the chief supporters of the movement, then addressed the meeting. Briefly his scheme is as follows:

The area of the Federation to comprise the counties of Glamorgan, Monmouth, Carmarthen, Pembroke, Cardigan, Radnor, and Brecknock. The membership to consist of the Presidents and Secretaries of each local Association, and the Executive Committee to consist of the President, Vice-President, ex-President, Treasurer, and Secretary. The President to be a member of the National Federation Executive. Meetings of the Federation to be held once or twice a year, and of the Executive Committee quarterly. The place of meeting to be in turn the county towns in the area. The expenses of the Federation to be paid by the local Associations.

This scheme was discussed, and then resolutions were adopted affirming the desirability of establishing a Federation and delegating to a Committee the work of drawing up the rules to be submitted at a meeting to be held on March 29.

Southend-on-Sea.—Mr. E. A. Holloway presided at a meeting of the local Pharmacists' Association held at 167 High Street, Southend-on-Sea, on February 15, when Mr. Sydney F. Body (ex-President) read a paper on *Pharmaceutical Organisation.* In the course of this he advocated what is substantially a reform of the Pharmaceutical Society of Great Britain so as to make that body more effective in administration and accomplishment. First he spoke of the needs of pharmacy, then of its legitimate demands, and thirdly of its aspirations. He described the statutory functions of the Society in regard to education, examination, and registration, pointing out how the everyday conditions of pharmacy in Great Britain have been altered by the National Health Insurance Act. Therefore the reorganisation which he advocated was with a view to chemists' panel interests being considered and controlled by the Society. Broadly, his idea is that the two hundred odd Chemists' and Druggists' Associations in Great Britain should be a sort of panel organisation, and that the halfpenny per insured person provided by Section 3 (2) of the 1913 Act for Pharmaceutical Committees should be deducted from chemists' accounts as at present, and used for the expenses of local Pharmaceutical Committees, salaries of secretaries, and organisation expenses. Ultimately the panel organisation would form one of two Federations, the other being the Society itself, the function of the Panel Federation being to appoint upon a territorial basis a body akin to the present Executive Committee. Mr. Body also showed several directions in which the Federated Society would work with good results, and concluded by indicating directions in which preparations have already been made. In the course of a discussion upon the paper Messrs. Shields, Lee, Misselbrook, Wilson, Cowe, Ward, Bruce, Carpenter, and King spoke, and although opinions differed, all expressed appreciation of Mr. Body's exposition.

Wolverhampton.—The annual meeting of the Wolverhampton Chemists' Association was held on February 21, Mr. E. H. Bowdler (President) in the chair. The annual report and statement of accounts were adopted, and the officers were re-elected. The sum of three guineas was voted to the Benevolent Fund, and a collection made for the same object. The Secretary proposed that the Pricing Committee should consist of Messrs. Dunn, Scholefield (Boots, Ltd.), Trotter (Martyn's, Ltd.), and C. M. Warner, Mr. Dunn taking the Secretary's place, as he is already fully occupied by Association and Pharmaceutical Committee work. The proposal was agreed to.

Thames Valley.—A meeting of the Thames Valley Pharmacists' Association was held at the "Scotch Café," Kingston-on-Thames, on February 28, the President (Mr. F. Cherry, Walton-on-Thames) in the chair. Mr. Alfred Higgs, J.P., brought before the meeting as a matter of urgency the question of early-closing, the Home Office Regulation in regar dto which comes to an end next month. A resolution was adopted asking the authorities to maintain the present hours of closing. This was directed to be sent to the Early Closing Association, the Prime Minister, and the Home Secretary. It was decided that glycerin should only be sold when dispensed in glycerin compounds. The question of the sale of scheduled poisons was discussed, and it was decided that the minimum sale of Part I. poisons should be 6*d.*, and the minimum sale of Part II. *per se* be 2*d.* Mr. J. Humphrey, of the Middlesex Pharmaceutical Committee, then gave the meeting an account of the procedure adopted at the checking bureau at Clapham Junction, where the Insurance scripts for the district are examined and checked. A discussion, initiated by Mr. H. Miller, managing director, next took place on "Ucal." Messrs. Cherry, Evans, Hearle, and D. Davies also spoke.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres.

ENGLAND.

Birmingham.—At a meeting of the Pharmaceutical Committee on February 23, the Chairman referred to the death of Mr. B. C. Heath, until recently a member of the Committee representing non-dispensing contractors. The Secretary (Mr. T. Smith) reported that the Panel Committee had been asked to issue an instruction to doctors to indicate upon prescriptions the titles (Mr., Mrs., or Miss) of patients. The Military Service substitute-list of the Pharmaceutical Society was again considered, as also were the Early Closing Regulations, it being decided to endeavour to get the latter continued.—The Medical Benefit Sub-Committee of the Insurance Committee has considered the question of early-closing in accordance with the Home Secretary's Order, and have received the Insurance Commissioners' circular on the subject. The Pharmaceutical Committee has also considered the matter, and state that there has been, as the result of numerous inquiries, very slight (if any) inconvenience to insured persons through earlier closing, therefore no need exists to alter the present arrangements. The Pharmaceutical Committee deprecate returning to later closing hours, while the Sub-Committee remark that, should they consider at any time that proof exists of hardship to insured persons in consequence of the earlier closing, they will take steps to make arrangements to meet the case.

Middlesex.—At the meeting of the Pharmaceutical Committee on February 14, at the Holborn Restaurant, London, W.C., a long discussion took place on military service. On the Tariff-revision question a Sub-Committee was set up for the purpose of co-ordinating the available statistics for the purpose of laying them before the Local Associations Executive at an early date. The report of the Prescription-checking Department regarding the January scripts was received. It is satisfactory to observe, states the report, that the Pricing Office rules are now being loyally complied with generally. Several doctors still persisted in ordering "L.I.P." mixtures, while there are a few instances of prescribing by means of printed labels. These practices ought to be discouraged so far as possible. After deducting the amount of the Pharmaceutical Committee's expenses for the past year and adding the amount of the extra establishment-charge, which would shortly be paid to the chemists, the average cost per script in Middlesex for the eleven months ended November 30 was 7.15*d.*, the average cost of ingredients being 3.81*d.* and dispensing-fees 3.34*d.* per script. Other statistics submitted confirmed the view that Middlesex chemists have been paid during the past year on a much lower scale than circumstances justified, and draft schemes were presented for the purpose of enabling the Committee to arrive at a conclusion with regard to the terms on which pharmaceutical service under the National Insurance Acts should be undertaken for the year 1918.

SCOTLAND.

Edinburgh.—It was reported at a meeting of the Edinburgh Insurance Committee that two prescription forms, each for 12 oz. compound eucalyptus cream, had two different formulæ written by a chemist, and it was decided to ask for an explanation. With reference to a form in which the quantity of liq. pepticus ordered was two teaspoonfuls and the directions one teaspoonful thrice daily, the doctor explained that 2 oz. was intended, and it was decided to ask the chemist what had been supplied. In regard to letters to and from the Scottish Insurance Commissioners regarding the Drug Bureau expenses, it was reported that these had been considered along with replies from the Panel and Pharmaceutical Committees, and it was agreed that these replies should be forwarded to the Commissioners, with a statement to the effect that in view of same the Committee were unable to take any action on the lines suggested by the Commissioners. It was reported that letters had been received from the Pharmaceutical Committee on reports and statistical statements from the Central Checking Bureau, and it was decided to point out to the Pharmaceutical Committee that under the Medical Benefit Regulations, Section 40, where the Pharmaceutical Committee made a representation to the Panel Committee to the effect that by reason of the character or amount of the drugs ordered for insured persons by any practitioner or practitioners on the panel, the cost of the supply of those drugs is in excess of what may reasonably be necessary for the adequate treatment of those persons, the Panel Committee must make an investigation into the circumstances, whether in respect of the drugs and appliances ordered by an individual practitioner, or generally as to the orders given for drugs and appliances by practitioners on the panel. The Central Checking Bureau, in a letter, pointed out that "Diuretin" and "Ichthyol" appeared in the Tariff, having been bracketed alongside "Theobromin et sod. salicyl." and "Ichthosulph. ammon." respectively, and that they are accordingly no longer proprietaries. The Committee had been misled by Memorandum VII. issued by the Drug Accounts Committee in February 1916.

WALES.

Radnorshire.—Mr. W. W. Johnson, chemist and druggist, Llandrindod Wells, has, owing to being short-handed, resigned his contract with the County Insurance Committee, which has informed the Commissioners about the matter.

Notes.

ECONOMICAL PRESCRIBING.—The London Panel Committee has been considering this question. The Committee advises replacing B.P. medicated waters by "ex. conc." preparations mentioning, *e.g.*, that "aq. chloroformi ad 12 oz." costs 2.85*d.*, "emuls. chlorof. 2 drachms, and aq. ad 12 oz." 0.41*d.*; "aq. menth. pip. 8 oz." costs 2.48*d.*, and "aq. menth. p. ex conc." only 0.8*d.* The Committee estimates that this economy in waters would save 10,000*l.* a year. Practitioners get hints in regard to dispensing-fees, and are strongly advised to consider the ten stock mixtures which the Committee has chosen, while other hints are given in regard to ointments, pills, and tablets, and it is stated that chemists are not now obliged to supply medicines in graduated bottles, as they are difficult to obtain.

THE FEBRUARY TARIFF issued by the National Insurance Commissioners (England) embodies the following alterations in the prices of war-affected drugs:

Lower: Acetanilidum, 3*s.* 10*d.* lb.; acid. acetylsal., 1*s.* 9*d.* oz.; acid. salicylic., 7*s.* lb.; acid. sulph. aromat., 5*s.* 3*d.* lb.; adeps lanæ, 4*s.* lb.; adeps lanæ hydrosus, 3*s.* 4*d.* lb.; chloroform. camph., B.P.C., 5*s.* 6*d.* lb.; collod. belladon., B.P.C., 14*s.* 6*d.* lb.; collod. salicylic. co., B.P.C., 10*s.* 6*d.* lb.; collod. salicylic., B.P.C., 8*s.* lb.; collod. vesicans, 22*s.* lb.; dec. aloes co., 1*s.* 4*d.* lb.; ext. bellad. liq., 21*s.* lb.; ext. ergot. liq., 5*s.* 8*d.* lb.; hydrarg. iod. rubr., 1*s.* 6*d.* oz.; inf. sennæ (ex concentrata), 7*s.* 8*d.* lb.; lin. aconit. meth., 3*s.* lb.; lin. belladon. meth., 9*s.* 9*d.* lb.; lin. camph am. meth., 1*s.* 11*d.* lb.; lin. methyl. sal. co., B.P.C., 11*s.* 6*d.* lb.; lin. sap. meth., 1*s.* 5*d.* lb.; lin. terob. acet., 1*s.* 8*d.* lb.; liq. adrenal. hydrochl., 3*s.* oz.; liq. guttapercha, B.P.C., 6*s.* 2*d.* lb.; liq. formaldehyde sap., 3*s.* lb.; liq. morph. acet., 5*s.* 3*d.* lb.; liq. morph. hydrochl., 5*s.* 3*d.* lb.; liq. opii sed., B.P.C., 9*s.* 6*d.* lb.; liq. pancreatis, 4*s.* 3*d.* lb.; liq. picis carbonis, 6*s.* 3*d.* lb.; liq. trinitrini, 8½*d.* oz.; methyl salicylas, 8½*d.* oz.; mist. sennæ co., 11*d.* lb.; phenacetin., 7*s.* 6*d.* oz.; pulv. sodæ tart. eff., 8.50*d.* per doz.; salol, 1*s.* 2*d.* oz.; sodii benz., 2*s.* 1*d.* oz.; sodii et pot. tart., 1*s.* 5*d.* lb.; sodii salicylas (cryst.), 9*s.* lb.; spt. ætheris, 5*s.* 3*d.* lb.; spt. chlorof., 5*s.* 10*d.* lb.; tab. acid. acetylsal. gr. v., 2.52*d.* per doz.; tab. phenacetin. gr. v., 12.60*d.* per doz.; tab. phenac. co., B.P.C., 12.42*d.* per doz.; tab. salol. gr. v., 2.31*d.* per doz.; tr. aurantii, 5*s.* 6*d.* lb.; tr. belladon., 6*s.* lb.; tr. benzoini co., 6*s.* lb.; tr. camph. co., 3*s.* 10*d.* lb.; tr. cannab. ind., 10*s.* 6*d.* lb.; tr. capsici, 4*s.* 2*d.* lb.; tr. chlorof. et morph. co., 8*s.* lb.; tr. chlorof. et morph., '85, 3*s.* 6*d.* lb.; tr. ferri perchlor., 1*s.* 9*d.* lb.; tr. gelsemii, 4*s.* 3*d.* lb.; tr. iodi fort., 8*s.* lb.; tr. scillæ, 4*s.* 2*d.* lb.; bandages, domette, 2½-in., 7.00*d.*; ditto, 3-in., 8.00*d.*

Higher: Acid. acetic., 10½*d.* lb.; acid. acetic. glacial., 2*s.* 9*d.* lb.; acid. benzoic. (synthetic), 2*s.* 10*d.* oz.; adeps benz., 1*s.* 9*d.* lb.; adeps præp., 1*s.* 7*d.* lb.; aq. fœniculi ex concentrata, 5*s.* lb.; barbitonum, 9*s.* oz.; caffein. cit., 2*s.* 10*d.* oz.; capsulæ ol. santal. mix., 13.68*d.* per doz.; capsulæ pil. ferri (Blaud) 1-pill strength 1.80*d.* per doz.; 2-pill strength 1.92*d.* per doz.; cocain. hydrochlor., 4*s.* 10*d.* dr.; conf. sulphuris, 1*s.* 7*d.* lb.; copaiba, 6*s.* 2*d.* lb.; dec. cinchon. rub. (ex concentrata), 4*s.* 2*d.* lb.; ext. cannab. ind., 7*s.* 6*d.* oz.; ext. cusc. sagr. sicc., 2*s.* 8*d.* oz.; ext. cusc. sagr. liq., 2*s.* 6*d.* lb.; ext. cinchonæ liq., 4*s.* 9*d.* lb.; ext. glycyrrh. liq., 4*s.* lb.; ext. viburn. liq., 8*s.* 6*d.* lb.; glycer. acid. boric., 2*s.* 10*d.* lb.; glycer. acid. carbol., 2*s.* 3*d.* lb.; glycer. acid. tannic., 3*s.* 4*d.* lb.; glycer. belladon., B.P.C., 7*s.* 6*d.* lb. glycer. boracis, 2*s.* 2*d.* lb.; glycer. pepsin., 4*s.* 6*d.* lb.; glycer. thymol. co., B.P.C., 1*s.* 4*d.* lb.; inf. buchu (ex concentrata), 5*s.* 2*d.* lb.; inf. cinch. acid. (ex concentrata), 4*s.* 2*d.* lb.; inf. ros. acid. (ex concentrata), 3*s.* 6*d.* lb.; inf. valerian. (ex concentrata), 2*s.* lb.; lin. ammon., 1*s.* 10*d.* lb.; lin. calcis, 9*d.* lb.; lin. hydrarg. 3*s.* lb.; lin. opii, 6*s.* 6*d.* lb.; lin. pot. iod. c. sap., 3*s.* 6*d.* lb.; liq. ammon. fort., 8*d.* lb.; liq. ammon. acet., 8*d.* lb.; liq. ammon. acet. conc., 2*s.* 3*d.* lb.; liq. arsen. et hydrarg. iod., 1*s.* 3*d.* lb.; liq. ferri acet., 8*d.* lb.; liq. strych. hydrochl., 2*s.* 6*d.* lb.; mel boracis, 1*s.* 4*d.* lb.; ol. cubebæ, 2*s.* 8*d.* oz.; ol. olivæ (sublime), 10*s.* 6*d.* gal.; opium pulv., 3*s.* 9*d.* oz.; phenazon., 3*s.* 10*d.* oz.; pot. permang., 15*s.* 9*d.* lb.; pulv. rhei co., 2*s.* 10*d.* lb.; pulv. scammon. co., 8*s.* lb.; succ. lact., 2*s.* 2*d.* lb.; salicin, 2*s.* 6*d.* oz.; spt. æther. co., 10*s.* 6*d.* lb.; spt. juniperi, 13*s.* lb.; succ. scoparii, 2*s.* 8*d.* lb.; succ. taraxi, 3*s.* lb.; sulphonal, 3*s.* 10*d.* oz.; syr. cascaræ aromat., 2*s.* 2*d.* lb.; syr. glycerophosph. co., B.P.C., 2*s.* 6*d.* lb.; syr. pruni virg., 1*s.* 2*d.* lb.; tab. acetanilid. gr. iij., 1.23*d.* per doz.; tab. acid. diethylbarb., 15.48*d.* per doz.; tab. ext. cusc. sagr. gr. ij., 0.48*d.* per doz.;

tab. guaiacol. carb. gr. v., 19.44*d.* per doz.; tab. trinitrini, 1.20*d* per doz.; tab. santonin. gr. j, 5.70*d.* per doz.; tab santonin. co., B.P.C., 6.09*d.* per doz.; tab. sulphonal., B.P.C., gr. v 5.49*d.* per doz.; tr. cardam. co., 3*s.* 4*d.* lb.; tr. digitalis, 4*s.* 8*d* lb.; tr. guaiaci ammon., 6*s.* lb.; tr. hyoscyami, 6*s.* lb.; tr. lavand co., 6*s.* 8*d.* lb.; tr. opii, 7*s.* 6*d.* lb.; tr. opii ammon., 6*s.* 8*d.* lb tr. rhei co., 3*s.* 4*d.* lb.; tr. strophanth., 6*s.* 8*d.* lb.; ung chrysarobin., 3*s.* 4*d.* lb.; bandages, grey, open wove, 2-in 1.13*d.*, 2½-in. 1.38*d.*, 3-in. 1.58*d.*, 4-in. 2.23*d.*; ditto, white, 1 in 0.46*d.*, 2-in. 1.25*d.*, 2½-in. 1.54*d.*, 3-in. 1.88*d.*; gauzes—unmedicated, 9.75*d.* boric, 11.00*d.*, carbolic, 11.00*d*; cyanide, 11.00*d.* sal alembroth, 11.00*d.*, sublimate, 11.00*d.*, iodoform, 22.00*d.* each lint, sal alembroth, 30.00*d.* per lb.; wool, cotton (interleaved), in packets, 4-oz., 3.50*d.* each; adhesive plaster (spread on holland). per sq. foot, 3.29*d.*; catheters, soft rubber (1-12), 7.25*d.* each.

New Books.

Martin, Geoffrey, Ph.D., *Industrial and Manufacturing Chemistry: Inorganic.* Vol. I. 10 × 6¼ in. Pp. 496. 25*s.* net. (Crosby Lockwood & Son, 7 Stationers' Hall Court, Ludgate Hill, London, E.C.) [We reviewed some time ago a volume by Dr. Martin dealing with the organic side of industrial and manufacturing chemistry. The same author now deals with processes of inorganic chemistry in a similar satisfactory manner. The range of subjects in the present volume is indicated by the headings of the sections as follows: Solid fuels; briquettes; liquid fuel; furnaces; coke ovens; surface combustion; pyrometry and pyroscopy; refrigerating and ice-making machinery; liquefaction of gases; oxygen; nitrogen; hydrogen; producer-gas; carbon dioxide; ozone; water; artificial mineral-waters; sulphur; sulphuric acid; sulphur dioxide; other sulphur compounds; salt industry; hydrochloric acid; sodium sulphate; sodium carbonate; Stassfurt industry; potassium salts; calcium and magnesium salts; gypsum; barium salts; strontium salts; boron compounds; chlorine; chlorates and perchlorates; bleaching-powder; bromine; iodine; hydrofluoric acid; peroxides and peracids; nitrogen in Nature; nitrate industry; nitric acid; ammonia; cyanamide; cyanide and prussiate industry; nitrous oxide. Dr. Martin has been assisted by specialists who have written on the subjects in which they have specialised.]

Business Changes.

Reitmeyer, Calburn & Kindersley, Ltd., inform us that their offices have been transferred to 2 Marlborough Gate, Bayswater Road, London, W.

Mr. Wm. Lee has retired from the firm of Lee & Birtwisle, chemists and druggists, 3 Chester Road, Northwich, and the business will be continued by Mr. Albert Birtwisle. Mr. Lee is to carry on dental practice at 1 Castle Street, Northwich.

Owing to the Offices of the Iron-Ox Remedy Co., Ltd., at 20 Cockspur Street, Trafalgar Square, S.W., having been acquired by H.M. Office of Works for the period of the war, the company has removed to temporary premises at 5 and 6 Carlton House, Lower Regent Street, S.W.

The Business of Leath & Ross, homœopathic manufacturers and homœopathic publishers, has been purchased by Mr. E. R. Brickell (Brickell & Jones), 295 High Road Brondesbury, London, N.W. The business will be continued in adjacent premises, the manufacturing and medicinal section under the care of Mr. Septimus Walgate, and the "business" section under Mr. Brickell.

Mr. A. Proctor Atkinson, who has been with Duncan, Flockhart & Co., Edinburgh and London, for thirty-five years, and established their London branch in 1896, terminated his engagement with them on Wednesday, February 28, being succeeded as manager of the branch by Mr. H. J. Baker. Mr. Proctor Atkinson on March 1 joined the firm of Dakin Bros., Ltd., export and wholesale druggists, 82 Middlesex Street, London, and will very shortly be given a seat on the board of directors as the associate of Mr. Harrison Dakin. Duncan, Flockhart & Co. have issued in London a letter in which they express appreciation of Mr. Atkinson's abilities and work. Representatives of the principal members of the London staff are to entertain Mr. and Mrs. Atkinson to luncheon at the Trocadero Restaurant, Oxford Street, W., on Saturday, March 3, when valuable gifts will be made to both of them.

Ambrine is composed of specially prepared paraffin-wax with 5 per cent. of oleum succini. This is stated by the Anglo-French Drug Co., Ltd., in "The Lancet."

Trade Report.

he prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities. As a result of the War wholesale houses have had to contend with many fresh difficulties, some of which have involved greatly increased expenses. Shortage of labour with higher wages (equal to almost double pre-war rates) has a direct effect upon values of goods, as also have railway carriage, freights, cartage, and other charges. The foregoing and other incidental outlays prevent retail buyers purchasing at the market prices quoted here.

42 Cannon Street, E.C., March 1, 5.30 p.m.

A Falling-off in trading is noticeable this week, the chemical and drug markets being distinctly quiet. The recent higher level of values for imported produce is, however, well maintained, and in some instances a further advance has been made, the shipping situation being chiefly responsible. The recent spurt in spices has come to a stop, but at the same time higher prices are asked for Cochin ginger, pimento, and nutmegs. Citric and tartaric acids and cream of tartar are all on a higher level. Quinine has been more active, and cod-liver oil is offered at slightly more favourable prices: the Lofoten cod-fishing is poor so far, but it is anticipated that again little will be purchased by druggists this season. Lemon, orange, and bergamot oils are offered from Sicily at lower prices. Among the fine group of chemicals, salicylates are obtainable at the previous low rates, the undertone continuing easy. Formaldehyde is dearer. Barbitone and guaiacol carbonate continue very scarce.

Higher	Firmer	Easier	Lower
Citric acid	Capsicums	Copper sulphate	Bergamot oil (c.i.f.)
Cocoa butter	Cotton oil (crude)	Peppers	Cod-liver oil
Coconut oil	Cream of tartar		Lemon oil (c.i.f.)
Coriander-seed	Hexamine		Orange oil (c.i.f.)
Fennel-seed	Pimento		
Fenugreek-seed	Tartaric acid		
Formaldehyde			
Gambier			
Ginger (Cochin)			
Nutmegs			
Rape oil			
Shellac			
Wax, bees' (E. Af.)			
Wood oil (Ch.)			

Cablegrams.

Bergen, February 28.—The Lofoten cod-fishing is poor: the catch of cod is 1,900,000, against 5,000,000 at the corresponding date of last year, and the yield of steam-refined oil is 4,389 barrels, against 7,329 barrels. Market is lifeless.

New York, March 1.—Business is fair. Curaçao aloes in cases has been reduced to 9c. per lb., and guarana is lower at $1.00 per lb. Mexican sarsaparilla has been advanced to 16c., while senega is easier at 64c. Balsam tolu is dearer at 37c. Potash bromide has been reduced to $1.00, sodium to 45c., ammonium to 80c., and strontium to 71c. per lb.

Acetanilide.—Spot values range from 2*s.* 9*d.* to 3*s.* per lb. net.

Acetic Acid.—The position remains very firm, and supplies are not coming forward so freely as anticipated owing to the detention of vessels in the United States. Consequently spot parcels are eagerly sought after until the vessels on the way arrive.

Acetic Anhydride.—Competition is increasing, and as the production becomes larger it is anticipated that the price will slowly decline.

Ammon. Chlor.—Large crystals in casks are quoted at 60*s.*, and granular at 47*s.* 6*d.* per cwt. net in casks.

Ammonia Sulphate.—Home trade price as fixed by the Government is 15*l.* 10*s.* per ton net at makers' works for 24½-per-cent. quality; export is prohibited.

Balsam Peru is quoted at from 15*s.* 3*d.* to 15*s.* 6*d.* per lb. on the spot, and to arrive at from New York at 14*s.* to 14*s.* 3*d.* c.i.f.

Bergamot Oil is offered at the lower rate of 16*s.* 6*d.* per lb. c.i.f. for 36 to 38 per cent. esters. Sicily under date of February 20 reports a weaker tendency and less active demand.

Betanaphthol of British make and of B.P. quality is offered at from 10*s.* to 10*s.* 6*d.* per lb. net.

Bromides.—The market prices are as follows:

	14 lb.		1 cwt.	
	s.	*d.*	*s.*	*d.*
Ammon. bromide, B.P	4	6	4	3
Potash bromide, gran., B.P.	5	6	5	3
,, ,, cryst., B.P.... ...	6	0	5	9
Sodium bromide, B.P....	2	9	2	7

The above prices are net, and with packages extra. In comparing them it is necessary to note that some of the sellers are charging packages extra, whereas others include them in the price.

Camphor (Refined).—English refiners have very little to offer at the moment. Japanese 1-oz. tablets have been selling at 3*s.* 8*d.* to 3*s.* 9*d.* on the spot.

Canary-seed is without change at 80*s.* to 82*s.* per quarter for fair Morocco.

Cantharides.—Chinese are quoted at from 4*s.* 3*d.* to 4*s.* 6*d.* per lb., and Russian at from 17*s.* 6*d.* to 18*s.* net.

Capsicums.—At auction 21 packages Nyasaland sold at steady prices, including good bright off stalk at 45*s.*, and dull slightly yellowish at 42*s.* 6*d.*

Cascara Sagrada.—Spot sales of two-year-old have been made at 100*s.* per cwt.

Cerium Oxalate is offered at 4*s.* 6*d.* per lb. net on spot.

Chillies.—At auction 20 bags fair Congo sold at 85*s.* and 5 bags good red Nyasaland at 102*s.* 6*d.*

Chloral Hydrate.—The position has slightly improved at 7*s.* to 7*s.* 3*d.* per lb. net in bond.

Cinchona.—For the tender held at Amsterdam on February 23, 11,564 packages Java bark, weighing 976,755 kilos., and containing the equivalent of 59,319 kilos. quinine sulphate, was catalogued. Of this quantity 7,441 packages, weighing 643,200 kilos. and containing the equivalent of 40,442 kilos., were taken up by the quinine-makers. The average percentage of the analysed portion was 6.07, against 6.34 per cent., and an average of 6.17 over 1916. At the auction of pharmaceutical bark 737 packages offered, and 90 cases and 25 bales sold, weighing 6,683 kilos., the quinine-content being 194 kilos. The prices paid ranged from 31c. to 68½c. per half-kilo.

Cinnamon.—At auction 61 bales broken Tellicherry sold at from 8½*d.* to 9*d.* for firsts and 8*d.* for seconds.

Citrate of Lime.—A Palermo advice, dated February 15, states that the Camera Agrumaria has been authorised to keep two separate accounts for the concentrated juice and citrate of lime, and makers of juice have now the surplus price which the Camera can secure for this produce. The Camera has advanced the price of citrate to 27*l.* 10*s.* per pipe of 305 kilos. f.o.b. The manufacture of citric acid is developing in Sicily. Another company with a capital of two million francs has just been constituted, and a third one with a still larger capital is under formation.

Citric Acid has attracted considerable attention during the week, and prices have risen to 3*s.* 3*d.* to 3*s.* 4*d.* There are no forward sellers.

Cloves are firm but quiet with sales of fair Zanzibar at 8¾*d.* per lb. and sellers; to arrive, January-March shipment, sellers quote 8¼*d.* c.i.f. At auction 16 cases fair Penang were offered, and bought in at 1*s.* 3*d.*

Cocoa-butter.—At auction on Tuesday 500 cases Cadbury's A offered and sold at from 1*s.* 7⅛*d.* to 1*s.* 7½*d.* per lb., being dearer.

Cocaine.—Spot prices of hydrochloride command very high premiums, which will disappear when the larger supplies expected this month come to hand, and buyers would do well to hold off for a week or two.

Cod-liver Oil.—Our Bergen correspondent writes on February 19 that the results of the new Lofoten cod-fishing up to date are trifling, the catch so far being from one million to one and a half million of cod, and the yield of oil about 3,000 hectolitres. The livers are in very good condition this year. There is no business to report, and the quotation is nominal. Holders in London offer finest 1916 Norwegian oil at from 400*s.* to 410*s.*, and 1915 oil at 390*s.* per barrel net. Non-freezing Newfoundland is worth from 13*s.* 6*d.* to 14*s.* per gal. net.

Copaiba.—B.P. qualities continue very scarce, the value of genuine Central American filtered, in cases, being 4*s.* 9*d.* to 5*s.* per lb.; filtered Para, in cases, 3*s.* to 3*s.* 3*d.*; Maranham, in casks, as imported, 4*s.* 9*d.* to 5*s.*, and filtered, in cases, 4*s.* 6*d.*

Copper Sulphate is easier at 62*l.* per ton for the usual Liverpool brands.

Coriander-seed is dearer, with sales on the spot up to 68*s.* 6*d.* per cwt., and at 64*s.* to 67*s.* c.i.f. terms, according to time of shipment.

Cream of Tartar is firmer at 192*s.* 6*d.* per cwt. for 98-per-cent. powder on the spot.

Cumin-seed remains quiet at 85*s.* per cwt. for sifted Morocco.

Dill-seed.—The market has been cleared at 35*s.* per cwt. for East Indian on the spot.

Fennel-seed is scarce; the nearest quotation is about 40*s.* per cwt., being considerably dearer than sales early in the year.

Fenugreek-seed is again dearer, business having been done up to 39*s.* per cwt. on the spot, and at 36*s.* 6*d.* c.i.f. terms for March shipment.

Formaldehyde is dearer at from 90*s.* to 100*s.* per cwt. for 40-per-cent. as to seller and position.

Gentian.—Small spot sales have been made at 70*s.* per cwt. on the spot.

Ginger is dearer, washed Cochin being held at from 60*s.* to 65*s.* per cwt., and African at 45*s.* Jamaica ranges from 85*s.* to 105*s.* on the spot.

Hexamine.—As some of the cheap spot parcels have been appropriated the market has improved at from 2*s.* 9*d.* to 3*s.* per lb.

Hydrobromic Acid.—Current quotation for dil. B.P. (10-per-cent.) is 11*d.* to 1*s.* per lb. as to quantity.

Lemon Oil.—Several agents and importers are in receipt of lower offers from Sicily this week, good brands being quoted at from 3*s.* 10*d.* to 4*s.* per lb. c.i.f. exclusive of war-risk insurance. Spot values are from 4*s.* 3*d.* to 4*s.* 6*d.* per lb. Sicily under date of February 20 reports that "the pressing of new oil continues very slowly, but during the last period there has been a complete and quite unusual lack of demand. This abnormal absence of demand from consuming places is probably due to conditions brought about by the war, whilst the lack of local demand shows that there are no requirements against blank engagements to be covered. This, together with the heavy stocks of last year's goods, has had a depressing effect on our market, and prices have given way little by little. Rates of exchange have also of late been more favourable to foreign buyers."

Menthol is flat, with Kobayashi-Suzuki offering at 13*s.* to 13*s.* 3*d.* per lb. as to quantity. Sales of February-March shipment have been made at 12*s.* c.i.f., and oil of Japan *Mint* at 3*s.* 3*d.* c.i.f.

Methyl Salicylate.—Spot sellers of American quote 5*s.* 6*d.* to 6*s.* per lb., and to arrive 5*s.* c.i.f.

Oils (Essential).—The following are a few current quotations: *Camphor*, 72*s.* to 75*s.* per cwt.; *Caraway*, 15*s.* 6*d.* per lb.; *Copaiba*, 6*s.* 3*d.* to 6*s.* 6*d.*; English distilled *Cubebs*, 27*s.* 6*d.*; Bourbon *Geranium*, 13*s.* 9*d.* to 14*s.*; African, 13*s.*; *Lavender*, finest Mitcham, 90*s.*; *Lime* oil, 8*s.* 6*d.*, and hand-pressed, 15*s.*; *Neroli*, 10*s.* 3*d.*; Bigarade, 9*s.* 3*d.*; French *Rosemary*, 2*s.* 9*d.*; Spanish, 1*s.* 10*d.*; American natural *Sassafras*, 3*s.* 6*d.* to 3*s.* 7*d.*; *Sandalwood*, 48*s.* 6*d.* to 49*s.*; Genuine *Wintergreen*, 12*s.* 9*d.* to 13*s.*; English *Juniper Berry*, 55*s.*; *Eucalyptus* B.P., 70 to 75 per cent., 2*s.* 4½*d.*; globulus, 2*s.* 6*d.*

Oils (Fixed).—*Linseed* is quiet, closing at 52*s.* 6*d.* per cwt. in pipes landed and 53*s.* 6*d.* landed in barrels. *Cottonseed* is 6*d.* firmer at 49*s.* 6*d.* for crude in pipes, and pale refined in pipes on spot is 53*s.* to 53*s.* 6*d.*; for sweet refined in barrels from 59*s.* to 61*s.* is quoted. *Rape* is dearer, with ordinary brown naked on spot offering at 58*s.* British refined in barrels is 61*s.* to 62*s.*, and Japanese in cases is 55*s.* to 56*s.* c.i.f. for February-March shipment. *Coconut* is dearer at 67*s.* for Ceylon in hogsheads on spot and 65*s.* in pipes. Cochin on spot is 66*s.* to 68*s.*, and shipment 66*s.* 6*d.* c.i.f. London pressed is 53*s.* 6*d.* Hankow *Wood* oil is dearer at 87*s.* spot, and to arrive 84*s.* c.i.f. is quoted. *Soya* is steady; Hull (spot) crushed is 50*s.*, and in London January-February shipment is 50*s.* c.i.f. Lagos *Palm* is steady at 49*s.* on spot, and 45*s.* ex quay Liverpool.

Pepper.—Quiet, and the turn easier, with sellers of fair Singapore black at 11½*d.*, Singapore white at 1*s.* 0½*d.*, and Muntok 1*s.* 1*d.* per lb. on the spot.

Peppermint Oil.—American in bulk is quoted at 10*s.* 3*d.* per lb. c. and f. London, and on the spot values are from 10*s.* 6*d.* to 10*s.* 9*d.* net. H.G.H. is 15*s.* London terms.

Phenacetin.—Further sales are reported at 82*s.* 6*d.* per lb., but caution is advised, as the price is practically certain to go appreciably lower.

Phenazone.—Supplies are not so plentiful as hoped for owing to the delay in getting Swiss consignments forward;

price remains unchanged at from 47s. 6d. to 50s. per lb. net on the spot.

PIMENTO is dearer on spot at from 4¾d. to 5d. per lb.

POTASH PERMANGANATE.—Crystals offer at 12s. 6d. per lb. on the spot.

QUICKSILVER.—The position remains substantially as last week, but tension in regard to the release of stocks is not so acute, there being a disposition to place rather better supplies at the disposal of manufacturers. The second-hand quotation is given as 24l. per bottle.

QUININE.—Within the last day or two rather heavy buying has taken place on the London market, and a good quantity has been taken out of stock; prices paid were from 2s. 7½d. to 2s. 8d. for the usual brands. Makers are busily occupied, especially for March-April delivery, and show no eagerness to make sales, owing to the shortage of fuel, extra insurance, difficulty of shipment, etc.

SALICYLATES remain flat. The spot price of B.P. powdered salicylic acid is from 4s. to 4s. 3d. per lb., and sodium salicylate powder 5s. to 5s. 6d. per lb.

SALOL.—The spot value is from 9s. 6d. to 10s. per lb., and to arrive from 7s. up to 9s. c.i.f. is quoted as to position and seller.

SHELLAC is about 5s. per cwt. dearer on the week, the spot price of usual standard TN quality closing at from 168s. to 169s.

SILVER PROTEINATE is offered at 17s. per lb. net.

SODA SULPHATE.—Pea crystals of B.P. quality offer at 7l. per ton. on the spot.

SOY.—Supplies appear to have been temporarily withdrawn from the market, pending a ruling as to whether the product is included in the prohibited import item "sugar, articles and preparations containing, used for food (except condensed-milk)."

SULPHOCARBOLATES.—Both soda and zinc are quoted at 3s. 3d. per lb. net on spot.

TANNIC ACID.—*Leviss* is quoted at 5s. 3d. per lb. net, and technical at 1s. 9d. net. Pure *Gallic* acid is 5s. to 5s. 3d. net as to quantity for British make ex stock.

TARTARIC ACID is very firm and scarce at 2s. 9d. per lb.

TERPIN HYDRATE is quoted at from 2s. 1d. to 2s. 3d. per lb. on the spot as to seller.

TURPENTINE is practically unchanged on the week, American closing at 54s. 9d. per cwt. on the spot.

WAHOO BARK of root is offered at from 2s. 2d. to 2s. 3d. per lb. net on spot.

WAX (JAPANESE).—Sales for February-March shipment have been made at 68s. c.i.f.; spot is 75s.

German Drug-markets.

The following notes chiefly refer to the Hamburg and Berlin markets under date up to January 31, 1917:

AMMONIA (LIQUID).—The production is not sufficient to meet the demand, and the price has advanced considerably. On January 21 it was from m.46 to m.48 per 100 kilos. (0.910); on January 31 it was from m.62 to m.65 for technically pure. The price of c.p. is m.5 higher.

AMMON. CHLOR. has been in active demand, but is only to be had in very small lots, as raw material has been commandeered. Prices have advanced to from m.260 to m.265 per 100 kilos. for c.p.

BALSAM TOLU remains firm at from m.13 to m.13.50 per kilo.

CEVADILLA.—Demand has increased as prices have become slightly lower again at from m.670 to m.680 per 100 kilos.

CINNABAR has been advanced from m.13.50 to m.15.50 per kilo. since the end of October.

CITRIC ACID remains in good demand at from m.18.50 to m.19 per kilo., and chemically pure crystals at from m.18.75 to m.19.25. The demand, however, cannot be supplied from the extremely small quantities left.

GUM ARABIC.—The demand has increased, and some parcels have been sold at slightly advanced prices.

HYDROCHLORIC ACID.—Crude is asked for in large quantities, especially by war industries, and only limited quantities can be furnished by makers, because sulphuric acid has been commandeered by the Government, and is distributed to the factories in small quantities only. Prices have consequently advanced considerably, and crude acid is from m.19 to m.20 per 100 kilos.; arsenic-free acid is m.1.56 per 100 kilos. higher. Chemically pure (s.g. 1.126) is m.26 per 100 kilos. (s.g. 1.19) m.35.

LACTIC ACID of all qualities is used for the makers of products required for war purposes only, so that it is unobtainable in the open market.

LYCOPODIUM.—The price is from m.11 to m.11.50 per kilo.

QUILLAIA.—The German Diet has absolutely prohibited the importation of quillaia from neutral countries, so that higher prices are expected. Cut is from m.540 to m.550 per 100 kilos.; powdered, which is asked in large quantities for the manufacture of war-soap, is from m.750 to m.775 per 100 kilos.

SHELLAC.—Almost all stocks have been commandeered, so that only very small quantities are occasionally sold in "free" trade.

SILVER NITRATE.—The price of the metal has advanced by m.13 per kilo., and the wholesale price of nitrate is from m.125 to m.130 per kilo. now.

SODIUM BICARB. has been advanced by the Syndicate by m.1 per 100 kilos.; usual customers can obtain very small quantities only, and "outsiders" get nothing. German bicarbonate is sold at from m.30 to m.40 per 100 kilos.

TARTARIC ACID, as far as it is to be had, is from m.19 to m.19.50 per kilo. for crystals or powder.

VANILLA.—*Bourbon* and *Tahiti* beans are advancing rapidly in consequence of active demand for the few remaining stocks. Extra fine crystallised Bourbon is only offered in lengths of from 11 to 12 centimetres at from m.160 to m.162 per kilo., from 14 to 16 cents. at from m.164 to m.166, and from 20 to 24 cents. at from m.160 to m.170 per kilo. Vanilla of other lengths is unobtainable.

Arrivals of Chemicals, Drugs, etc.

THE following is a selection of arrivals in the Port of London during the period February 21 to 27 inclusive. The countries specified are those from which the goods are consigned. Goods in transit are not included.

Acetic acid (Swz.) 5 cbys.
Albumen, egg (Ch.) [illegible]12l.; siftings 360l.; eggs, liquid (Ch.) 2,96 l.; egg pulp (So. Aust.) 40l.; egg yolk (Ch.) 10,465l.
Anise oil, star 20 pkgs.
Antim. ore 10 tons
Antim. reg. [illegible]5 tons
Argol (It.) 246 bgs., (Port.) 143 bgs.
Argyrol (U.S.) 2 cs.
Arsenic (Vic.) 513 cwt.
Asafetida (B.I.) 13 cs.
Atoxyl (Fr.) 1 cs.
Barbitone (Swz.) 1 cs.
Bismuth ore (N.S.W.) 5[illegible]l.
Borax (Fr.) 197 cwt.
Boric acid (Fr.) 49 cwt.
Calcium phosph. (U.S.) 240 kgs.
Camphor (Jp.) 50 cs.
Casein (B.I.) 5,409l., (Fr.) [illegible]0l., (Victoria) 2,400l.
Cashew-nuts 224 cwt.
Catarrh remedy (U.S.) 5 cs.
Chemical products, unrated 25l.
Chloral hyd. (Swz.) 1 cs.
Citric acid (It.) 40 cks.
Copaiba (U.S.) 6 cs.
Copra 5,4[illegible]3 cwt.
Cubebs (Jv.) 13 cs.
Culvers-root (U.S.) 16 bls.
Cutch (B.I.) 1,200 cs.
Dill-seed (B.I.) 155 bgs.
Drugs, unrated (Fr.) 1[illegible]l., (Malta) 0l.
Fusel oil (N.S.W.) 395l.
Galls (Ch.) 2,5[illegible]l.
Galyl (Fr.) 1 cs.
Gelatin (Fr.) [illegible]6l.
Ginger (B.I.) 278 bgs.
Glycerin, dist. (U.S.) [illegible]
Glycophosphoric ac. (Fr.) 1 cby.
Gums: acacia (Mor.) 57 cwt., (Egy.) 2[illegible]0 cwt., (B.I.) 4[illegible] cwt., (Suez) 877 cwt., benzoin (S.S.) 25 cwt., chicle (U.S.) cwt.; copal (Jv.) 5[illegible]0 cwt.; damar (S.S.) 200 cwt., (Jv.) 485 cwt.; kauri (N.Z.) 57[illegible] cwt.; olibanum (It.) 50 cwt.; sandarach (Mor.) 72 cwt.; tragacanth (Pers.) 145 cwt.
Herbs, dried (Fr.) 16 bgs. 30 bls.
Honey (Fr.) 1,[illegible]6 cwt., (Canada) 13 cwt.
Hydrastis (U.S.) 2 bls.
Hyoscyamus (Egypt) 20 bls.
Indigo (B.I.) 108 chts. 13 cs., (Jv.) 50 cs.
Inject. Brou (Fr.) 3 cs.
Iodine (Chile) 338 kgs., (Jp.) 6 cs.
Kola (B.W.I.) 5
Lavender flow. (Fr.) 8 bls.
Leaves, dried (Sp.) 124l.
Lithia carb. (U.S.) 4 cs. 9 brls.
Logwood 83 tons
Loomahs (Jp.) 200l.
Maize starch (U.S.) [illegible]80
Male-fern ext. (Swz.) 1 ck.
Manna (It.) 1 cs.
Menthol (Jp.) 80 cs.
Milk powder 399 cwt.
Oils, essential, natural (Fr.) 22 cs. 35 drms., (It.) 2½ cs. 18 cs., (Holl.) 3 cs., (Sp.) 1 drm., (U.S.) 5 cs., (B.I.) 45 cs., (Jp.) 8[illegible] cs., (Jv.) 6 drms. (Cey.) 15 drms. 12cs.; *artificial* (Fr.) 8 cs.
Oils, fixed: arachis (Fr.) 2[illegible] brls. [illegible]0 pps.; coconut, unref (S.S.) 750 cs.; olive, (Sp.) 280 tuns, (Fr.) 4[illegible]2 gals. 67 tuns, (It.) 10 tuns; sperm (B.W.I.) 6 brls, (Madeira) 12 cks.; wood (H.Kong) 1,04[illegible]l.
Opium (B.I.) 300 cs., (Pers.) 65 cs.
Orange-peel (It.) 16 cs., (Malta) 20 cs.
Orchella-weed 197 bls.
Orris (Mor.) 12 bgs., (It.) 63 bgs.
Papain (Cey.) 29 cs.
Paraldehyde (U.S.) 9 cs.
Paratoluol sulphamide (Swz.) 1 ck.
Pepsin (U.S.) 22 pkgs.
Perfumery, unrated (Fr.) 556l., (Holl.) 1[illegible]8l.
Phenacetin (Swz.) 2 cs., (U.S.) 2 cs.
Phenolphthalein (Swz.) 1 cs.
Pot. brom. (U.S.) 5 kgs.
Pot. pruss. red (U.S.) 16 kgs.
Pot. sulpho-guaiac. (Swz.) 4 cs.
Potato-flour (Jp.) 3,225 cwt., (Fr.) 20 cwt.
Pyrogallic ac. (Swz.) 3 cks.
Quinine (Holl.) 94,318 oz.
Rosin (Port.) 165 cks. 250 brls.
Salicylic acid (U.S.) 5 brls.
Salol (U.S.) 14 kgs.
Saltpetre (B.I.) 8,000 cwt.
Sandalwood oil (U.S.) 1 cs.
Seeds: canary 6,761 bgs., (Fr.) 400; caraway (Fr.) 17 sks. 17 bgs.; celery (Fr.) 29 bgs.; cotton 1,019 bgs.; cumin (Fr.) 32 sks., (Mor.) 6[illegible]3, (Malta) 100; fenugreek (Mor.) 676 bgs.; linseed 12,170 bgs.; millet (B.I.) 4[illegible]2; rape [illegible].668 bgs.; sesame 26. 85 bgs.; teazle (Fr.) 80
Senna (Suez) 55 bls., (Egypt) 82 bls., (B.I.) 26 bls.
Soap, household (Fr.) 20l. (It.) 110l.
Soap, toilet (Holl.) [illegible]57l., (U.S.) 685l., (Fr.) 37l.
Soda bromide (U.S.) 1[illegible] kgs.
Soda salicylate (U.S.) 28 cwt.
Soy 83 cwt.
Spices: cinnamon (Sey.) 31[illegible] bls.; pepper (Jv.) 36 bgs., (B.N.Af.) 22 bgs.; pimento 5 bgs.
Squill (Malta) 26 bgs
Strawberry-juice (Fr.) 300 gals.
Tartaric ac. (It.) 100 brls.
Thymol (B.I.) 4 cs.
Toilet-powder (Fr.) 51[illegible]l., (U.S.) 1 615l.
Toilet-water (Fr.) 95l.
Uva ursi (Sp.) 15 bls.
Vacuum-flasks (Jp.) 10[illegible]l.
Vanilla (Maur.) 7 cs., (Sey.) 2 cs.
Wax, bees (Mor.) 45 bgs., (B.I.) 5 cs., (Fr.) 2 cs., (It.) 10 bgs., (B.W.I.) 1 cs. (Port.) [illegible]0 bls.
Wax, paraffin (U.S. 200 cwt.
Witch-hazel bark (U.S.) 3 bls.
Cancelled entries: Dec. 6, argol (Sp.) 110 cks.; Dec. 14, lycopodium (Russ.) 75 cs.; Dec. 18, potash carbonate (Russ.) 29[illegible] brls.; Jan. 13, senna (Suez.) 64 bls.; Dec. 18, kauri gum (N.Z.) 628 cwt.

Correspondence

Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

Empties.

Sir,—Chemists are troubled very much with empties at the present time, as the railway companies refuse to collect any empties at all in certain districts. Would it not be possible to get our wholesalers to try and do something to relieve the trouble by combining together and collecting any empties they come across in their own district? Take Manchester, Liverpool, Birmingham, and London houses, each could collect bottles or hampers in his own motor-vans and credit the chemist with the amount charged by the first firm. The firms themselves could use either bottles or hampers, charging the price they have credited the chemist from whom they collected. With bottles it would not matter if they never got back to their original senders, but hampers could bear the name of the owners and price, and could be sent back to their district on the first opportunity. Yours truly,

Prostwich. C. Brown.

The Pharmaceutical Council.

Sir,—We are told that it would be criminal to force a Council election this year. 'Tis ever thus with the "Tite Barnacles." The only comfort is that the squeal is the sign for more leverage. The immediate future is pregnant with new problems, and it were folly to attempt them with too great a number of rusty keys. It might be pertinent to ask how a Council that shows a hasty monthly acquiescence in what is done, and fails to display the characteristics of the General Staff mind, is to handle such things as the pharmaceutical relationship with the N.H.I. Commissioners, the demobilisation of the Army compounders, the Apothecaries' Hall question, and the depletion of the funds of the Society on its commercial ventures. All these problems are in the ascending scale, and next year may be too late. Even at the risk of fatuous imputations we should go forward. It is easier to discover a periscope on the waste of waters than a Council policy apart from that dictated by the officials. The muddle and make-believe of the past requires elimination if we are not to go under, and the present is a time for preparation; new minds, as free from rust as possible, for the new times. Sigma. (222/23.)

[The retiring members of Council are Messrs. Bilson, Cuff, Goode, Harrington, Harrison, Rowsell, and Young. They are eligible for re-election. Nomination of them or any other members of the Society must be made on or before March 18 to the Secretary of the Society, 17 Bloomsbury Square, London, W.C.—Editor *C. & D.*]

How to Get Back Proprietary-containers.

Sir,—The return of thousands of empties now going to waste all over the country (yet very much wanted by makers and therefore users of the products) could be brought about by prize-competitions asking for the actual container as coupon (one entry for smallest size, two for the next larger, and so on), and the idea would be specially suitable for the small containers of toilet-creams, perfumes, etc. The awards should be attractive, with a first prize of not less than, say, 10*l.*, and a prize should be announced for the retailer selling to the first-prize winner. The subject should be easy and topical, and call for just enough skill to keep it within the law. It should have also that "sporting chance" element so dear to the hearts of the British public, inducing "another shot"—an important consideration to the promoters. No contest has these two aspects so pronounced as forecasting birth, death, or marriage totals, which is legal according to British law (including Scots law, as decided at Edinburgh in 1913), and has the convenience of being self-deciding. Prizes, however, might be offered for the best ideas for a competition, and the entries here would afford sufficient subjects to cover a series of contests. No competition should be open longer than a month, and results should be published promptly. A fresh competition should be announced immediately to maintain interest, and it is the repetitions that pay. It may be argued that a competition would be a troublesome and expensive way to collect empties, but what would one not do in these times to ensure a continuous supply? Several preparations, I believe, were temporarily stopped since the war began through shortage of containers, but a competition would have largely saved the situation. No extra expense beyond present advertising spaces, used every second or third insertion for competition announcements, need be involved, and work in a warehouse need not exceed opening the containers and passing them on to the washing department. The actual entries could be dealt with by the firm's advertising contractor, or, better still, by the Editor of "The Competitors' Journal," the organ of the competition-loving public. Apart from the advantage of getting back empties, a popular prize competition in connection with a proprietary is an extremely valuable advertisement. It brings the article before thousands who would never otherwise consider it, and many new permanent users are thus secured. It pays, and pays well!—Yours truly,

Magnet. (145/60.)

Great Britain and Ireland Qualifications.

Mr. Henry C. Meyrick, L.P.S.I., writing from Aberdare, supports Mr. John H. Boardman's suggestion that there should be reciprocity between the Pharmaceutical Society of Great Britain and the Pharmaceutical Society of Ireland in regard to the Minor certificate granted by the former and the Licence certificate granted by the latter. He says there appears to be no logical or reasonable objection why pharmacists holding the Irish Licence should not be permitted to act as managers of retail shops in Great Britain. The standard of the Dublin examination is, he adds, equal to that of Great Britain, and the necessary period of training for apprentices is longer. Mr. Meyrick sends us a copy of a letter that he wrote to Mr. Lloyd George when he was Chancellor of the Exchequer and was specially interested in this subject through the passing of the National Health Insurance Act. Mr. Meyrick pointed out the disability that some qualified persons suffer through the lack of reciprocity between the two Societies. Mr. Lloyd George replied in a brief letter acknowledging receipt of Mr. Meyrick's, and regretting that the Chancellor of the Exchequer was unable to interfere in the matter.

Subscribers' Symposium.

For interchange of opinion among "C. & D." readers, and brief notes on business and practical topics, especially new ideas.

The Imperial Link.

A Straits Settlement Subscriber (143/4), in renewing for another year, says: "The *C. & D.* always comes regularly to hand, and I peruse it with great relish. It is the only link one has so far away here with the drug-trade, and keeps one well posted with the repeated changes in prices in these days."

Another One who Finds it Pay.

M. P. S. (150/34), writing from Glasgow, says, in renewing his subscription to the *C. & D.*: "I always look forward to Saturday, the day on which I receive the paper. I have paid my subscription many times this year from information contained therein. Wishing you success during present year."

The Prevailing Want Supplied.

W. S. I. (226/23) writes: "Seeing mention in the *C. & D.*, February 17, of an order a subscriber received, I am prompted to send you one I received on that day just after I posted the 12*s.* 6*d.* subscription. It was '3*d.* worth of sanitary tablets for sweetening tea.'"

Legal Queries.

Most difficulties in trade law are explained in the legal section of "The Chemist and Druggist Diary," 1917, beginning on page 353.

Calomel (227/20).—The Cocaine and Opium Regulation under the Defence of the Realm Act does not cover the sale of tincture of opium, which in Ireland is a Part II. poison.

A. J. (230/47).—A woman carrying on business in the name of her late husband, James Blank, must, as an individual, register under the new Act, and follow its provisions.

Within the Law (227/1).—A person trading as "Jones' Drug Stores" must register under the Registration of Business Names Act, and his true name must be used (as well as the trade name) in the circumstances and manner described in Section 18, as mentioned last week.

M.P.s (228/13).—The Registration of Business Names Act permits you to carry on business under your true surname without registration under the Act, but "Drug

Stores" and "Pharmacy" are additions that call for registration. This must be done by March 21. After that date your name must be given on trade circulars, etc. (see *C. & D.*, February 10, p. 44).

D. L. (223/27).—You are quite correct in supposing that you must register under the Registration of Business Names Act, the reason being that you trade under a firm name which embodies two surnames, your predecessor's and your own. Your business letter-paper anticipates the Act by the manner in which you use your true name under the firm name. Do the same on the circulars that you issue.

Pipes (155/7).—Is a tenant in England, who holds his premises "by the quarter," liable to repair an indoor pipe which has burst owing to the frost?[In the absence of any agreement as to repairs we consider that the tenant is probably liable to repair the pipe, although, being ignorant of the precise nature of the tenancy and of the other circumstances, we cannot express a definite opinion.]

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

C. E. H. (202/25).—Books on Dentistry.—A treatise on extracting and filling teeth was published in *The Chemist and Druggist Diary*, 1910. Books on the subject suited for chemists' use are: Coleman's "Extraction of Teeth" (Lewis, 3*s.* 6*d.*); Barrett's "Dental Surgery" (Lewis, 3*s.* 6*d.*); Gibbs's "Extraction of Teeth" (Livingstone, 3*s.* 6*d.*); Tomes and Nowell's "System of Dental Surgery" (Churchill, 17*s.* 6*d.*).

T. J. S. (197/48).—(1) Books for Students' Corner Competitors.—We do not recommend any particular work on analytical chemistry for use by competitors in the Students' Corner. Two books which will be found most useful are Clowes and Coleman's "Elementary Practical Chemistry, Part II., Analytical Chemistry" (Churchill, 3*s.* 6*d.*), and Perkin's "Qualitative Chemical Analysis" (Longmans, 4*s.*). You should also make a systematic study of the information given in the reports which we publish monthly; tests and hints are often embodied which are not to be found in text-books. (2) The most modern book on materia medica is Southall's, published by Churchill at 7*s.* 6*d.* For pharmacy Lucas's "Practical Pharmacy" (Churchill, 12*s.* 6*d.*) is good.

H. W. K. (Assam) (179/16).—You will find several recipes for cod-liver-oil emulsion in "Pharmaceutical Formulas," which has been sent to you.

E. F. (Paris) (178/36).—Trituration Tablets.—These are employed in homœopathy. Moulds of ivory or celluloid are used, each being for either fifty or a hundred tablets. The trituration, which generally contains a trace of powdered acacia, is moistened with spirit and water, the damp mass pressed with a bone spatula into the moulds, and then set aside to dry. We are not aware of any process other than the hand-moulding method just described.

P. B. D. and S. (Agra) (206/58).—Red Glass is produced by adding copper or gold to the ingredients for making glass. The copper is usually in the cuprous form, and the gold is added in the form of chloride to the sand with which the glass is made. Glass is also "stained" a ruby colour with cuprous oxide, the copper salt being diluted with kaolin, mixed with water, applied with a brush, and finally fired in a reducing flame.

M. J. I. (203/42), *Groom* (226/39).—Your samples were duly received, but the quantities sent make it impossible to attempt an analysis, even if the substances came within the scope of this column.

P. H. G. (207/29).—Soap-powder.—The amount of carbonated alkali present is small in proportion to the soap-powder which you suggest is there.

W. C. (219/72).—So far as we are aware there is no substance that can be added to paraffin to cover the odour "effectively." Citronella and verbena oils and naphthaline have been suggested, but are only attempts to disguise the paraffin odour.

France (216/59).—We cannot possibly advise you as to your rate of promotion in the event of your joining the Army.

H. J. P. (216/53).—We do not know what the composition of the plaster is, and question if it can be ascertained.

Harrow (208/31).—(1) Hair-restorer.—The lead-and-sulphur restorer which is generally used is prepared as follows:

Lead acetate,		
Precipitated sulphur...	of each	80 gr.
Glycerin		½ oz.
Rose-water,		
Orange-flower water		
	equal parts to make	8 oz.

Moisten the sulphur with spirit before mixing it with the lead acetate and glycerin.

(2) Hair-restoring Pomade:

Marrow...	10 oz.
Olive oil	6 oz.
Peru balsam	1 oz.
Lead acetate	2 dr.
Cantharides tincture	2 oz.
Bergamot oil	1 oz.
Clove oil	1 dr.

Make into a pomade.

W. E. P. (201/14).—Chemists' Toast.—The following was given in the *C. & D.* some years ago:

May his occupation never become a drug in the market so long as he sticks (like his own plasters) to business. May he never be bruised in the mortar of adversity by the pestle of misfortune. May his rise in his profession be as accurately marked as his graduated measure. May his success never be alloyed by a mixture of ill-luck or a tincture of regret. May his counter prove the crucible whereby he transmutes human ailments into precious metal and precipitates the golden deposit into his own pocket. May his career be as unsullied as distilled water and as smooth and pleasant as pure Narbonne honey. May he never be called upon to swallow the bitter pill of disappointment or be incensed in the bitter spirit of enmity. Should fickle Fortune ever refuse him her smile, may he find an antidote in the soothing opiate of woman's love; be strengthened by the tonic of experience and purified by the sudorific of patience.

Pewter (222/48).—Cleaning Old Pewter.—When the pewter is black it requires the use of sand and hydrochloric acid to remove the discolouration. This is followed by fine polishing with rottenstone and oil. The work is easier done with a machine such as is employed for polishing syphon-tops.

J. H. and S. (215/59).—White Oils without Eggs.—A formula was given in the *C. & D.*, February 3, p. 52.

F. H. L. (221/62).—Glass Throat-sprays are employed for chlorine solutions, the only other available materials, metal and vulcanite being unsuitable owing to the action of chlorine on them.

F. W. H. (222/5).—The Methods of Manufacturing Caramel were given in The Chemist and Druggist, March 4, 1916, p. 59. You can also obtain a good deal of information on the subject from a paper read before the London Section of the Society of Chemical Industry, April 2, 1900, which is printed in the "Journal of the Society of Chemical Industry," April 30, 1900. Glucose is the raw material from which caramel is made.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," March 15, 1867.

Benevolent Fund Dinner

In December we informed our readers that the Council of the Pharmaceutical Society had proposed a Public Dinner for the augmentation of the invested capital of the Benevolent Fund. This Dinner was held on Wednesday, the 20th ult., at Willis's Rooms, St. James's, and its grand result has surpassed the expectations of the most sanguine. To the sum of 7,000*l.* which was standing in Consols before this meeting, a sum exceeding 1,500*l.* has been added; in other words, the benevolence called into play by the Dinner produced more than half the sum required to raise the invested capital to 10,000*l.*, the amount deemed sufficient to sustain the Fund as a source of *permanent* aid to distressed members and associates, or their widows and orphans. [It is of interest to note that the investments on behalf of the Benevolent Fund now amount to nearly 50,000*l.* The annual expenditure on annuities and grants is about 3,000*l.* Fifty years ago the drug-trade united to get the Pharmacy Act, 1868, one effect of which was to throw the Benevolent Fund open to all registered under that Act.—Editor *C. & D.*]

ESTABLISHED 1797

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Guaiacol Carbonate, U.S.P.
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Potassium Cyanide
Potassium Guaiacol, Sulphate
Potassium Iodide, Gran. or Cryst.
Quinine Sulphate, U.S.P.
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See New List, March 1.

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A Fig. 1 B

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Fig. 1, A, represents the "INALTER" Vial—with U tube inside containing 1 gramme of dried serum and 9 c.c. carbolised water (1 gramme dried serum = 10 c.c. liquid serum). The rubber plug which seals the Vial and the U tube is withdrawn and after the contents of the tube have been emptied into the solution, the plug is replaced in Vial, and the contents quickly dissolve. The freshly prepared serum is now ready for use as in Fig. 1, B.

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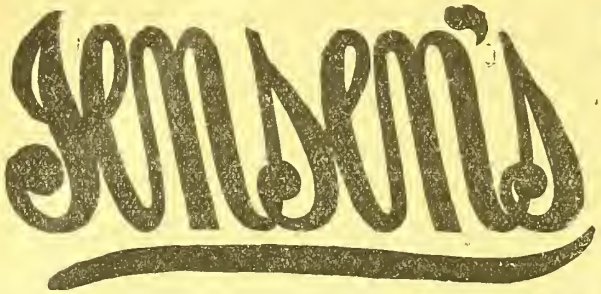

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Acetanilide, B.P., 1 lb. @ 3/8 lb.; 7 lbs. @ 3/4 lb.; powder, 1d. lb. extra.
*Acet. Ipecac., B.P., 6 lbs. @ 1/10 lb.
,, Scillæ, B.P., 6 lbs. @ 5d. lb.
*Acid. Acet. Glacial., 99%, 6 lbs. @ 3/2 lb.
,, Acetylo-Salicyl. 1 lb. @ 19/- lb.
,, Benz, B.P., 7 lbs. @ 30/- lb.; 1 lb. @ 31/- lb.
,, Boric Pulv., 3 cwt. @ 63/6 cwt.; 1 cwt. @ 64/6 cwt.; levigd. cwt. or lb. extra.
,, Carbol. Xtls., 39/40; 56 lb. drums @ 1/11 lb.; 12 1-lb. Bots. @ 2/3 lb.; Single Bots. @ 2/6 lb.; Detached Cryst. 1 lb. @ 2/8 lb.; Crude Black, 45 gall. casks @ 1/1 gal.; 5 gall. drums @ 1/8 gall.; 1 gall. tins @ 2/6 each.
,, Citric, cryst., B.P., '85, 7 lbs. in bags @ 3/2 lb.; powder, ½d. lb. extra.
,, Dietbylbarbituric, 1 oz. @ oz.
,, Gallic, pur., B.P., 7 lbs. @ 6/9 lb.; 1 lb. @ 7/- lb.
,, Hydrobrom., 6 lbs. @ 1/8 lb.
* ,, Hydrochlor. Coml., cases of 4 2-gal. jars, 40/- each; 20 case lots @39/- each.
* ,, Hydrocyan. P.B., 6 lbs. @ 1/7 lb.; 1 lb. @ 2/- lb.; 36 1-oz. Vials @ 7/6 doz.
,, Oxalic Cryst., 1 cwt. @ 1/10 lb.; 14 lbs. @ 2/- lb.
,, Phosph. Dil. B.P., 6 lbs. @ 6d. lb.
,, Salicyl. pulv. 1 lb. @ 6/- lb.
,, Sulphur, Coml., cases, 4 2-gal. jars @ 45/- each; 20 cases @ 44/- each.
,, Sulph. Aromat. B.P., 5 lbs. @ 4/8 lb.
,, Tannic, B.P., 1 lb. @ 5/6 lb.
,, Tart., cryst. or pulv. B.P., 1885, 7 lbs. @ 2/10½ lb.; parv. ½d. lb. extra.
Adeps Benz., B.P., 28 lbs. @ 1/5½ lb.; 7 lbs. @ 1/6½ lb.
Æmgo Æris Pulv., 14 lbs. @ 1/5 lb.
Aloes Barb., English-ground, 28 lbs. @ 120/- cwt.; 7 lbs. @ 1/3 lb.
Aloes, Socot. 7 lbs. @ 1/5 lb.; powder, 7 lbs. @ 1/6 lb.
Aloin, B.P., 1 lb. @ 5/6 lb.
Ammon. Benz., 7 lbs. @ 29/- lb.; 1 lb. @ 30/- lb.
Ammon. Brom. P.B., 7 lbs. @ 5/6 lb.
Ammon. Carb. lump, 3 cwt. @ 7½d. lb.; 28 lbs. @ 8½d. lb.; 7 lbs. @ 9d. lb.; powder, ½d. lb. extra.
Ammon. Chlor., 99% pulv., 1 cwt. @ 61/- cwt.; 7 lbs. @ 7½d. lb.; Batteries, 6/- cwt. extra.
Amyli Pulv., 10 cwt. @ cwt.; 2½ cwt. @ cwt.; 1 cwt. @ cwt.
Aniseed, English ground, 1 cwt. @ 115/- cwt.; 7 lbs. @ 1/1 lb.
Antim. Nig. Pulv., 7 lbs. @ 11d. lb.
Antim. Tart. Pulv., 7 lbs. @ 4/- lb.
Apiol, 1 lb. @ 27/6 lb.
*Aqua Anethi Conc. 1-40, 1 lb. @ 3/8 lb.
* ,, Anisi Conc. 1-40, 1 lb. @ 3/8 lb.
* ,, Aurant. Conc. 1-40, 1 lb. @ 6/11 lb.
* ,, Aurant. Trip., 6 lbs. @ 8d. lb.; 53 lbs. for 23/-
* ,, Cinnam. Conc. 1-40, 1 lb. @ 4/1 lb.
* ,, Laurocerasi, 6 lbs. @ 8d. lb.
* ,, Mentb. Pip. Conc., 1-40, 1 lb. @ 3/9 lb.
* ,, Rosæ Conc. 1-40, 1 lb. @ 7/9 lb.
* ,, Rosæ Trip., 53 lbs. for 25/-; 6 lbs. @ 8d. lb.
* ,, Samb. Conc., 1-40, 1 lb. @ 6/11 lb.
* ,, Samb. Trip., 6 lbs. @ 8d. lb.
Araroba, fine powder, 7 lbs. @ 9/- lb.; 1 lb. @ 9/6 lb.

Argent. Nit., 6's to oz., 25 oz. @ 2/6½ oz.; 1 oz. @ 2/7½ oz.
Argent. Nit., Cryst., 25 oz. @ 2/5 oz.; 8 oz. @ 2/6 oz.
Arsenic, Alb. Pulv., 2 cwt. @ 68/6 cwt.; 7 lbs. @ 8½d. lb.
Atropinæ Sulph., P.B., 1 oz. @ 125/- oz.
Auri Chlor., 6 doz. 15 gr. tubes @ 22/6 doz.; 1 doz. 15 gr. tubes @ 22/9 doz.

*Bals. Copaibæ, pure, 44 lbs. @ 4/4 lb.; 9 lbs. @ 4/6 lb.; 1 lb. @ 4/10.
,, Peruv., P.B., 1 lb. @ 18/- lb.
,, Sulphur, 7 lbs. @ 1/- lb.
,, Tolut. B.P., 50 lbs. @ 1/10½ lb.; 1 lb @ 2/4 lb.
Bismuth, P.B., Carb., 3 lbs. @ 13/6 lb.; 1 lb. @ 14/- lb.; subnit., 3 lbs. @ 12/6 lb.; 1 lb. @ 13/- lb.
,, Salicyl., 1 lb. @ 22/- lb.
Boracic Mixture, 1 cwt. @ 85/- cwt.
Borax, 1 cwt. @ 38/6; powder 1/- extra.
Butyl-Chloral Hydras., P.B., 1 lb. @ lb

Caffeine, P.B., 1 lb. @ 48/- lb.
Caffeinæ Cit., B.P., 1 lb. @ 32/- lb.
Calamina, powder, fine pink, 5 cwt. @ 25/- cwt.; 1 cwt. @ 28/- cwt.; 7 lbs. @ 4d. lb.
Calamine, B.P., 1885, 7 lbs. @ 1/3 lb.
Calcii Carb. Præcip., 5 cwt. @ 19/6 cwt.; 1 cwt. @ 24/- cwt.; 28 lbs. @ 29/- cwt.
,, Hydras., P.B., 1 cwt. @ 25/- cwt.; 7 lbs. @ 5d. lb.
,, Hypophosph. Pur., P.B., 1 lb. @ 4/- lb.
,, Iodid., 1 lb. @ 21/6 lb.
Camphor, English Flowers, "not artificial," 5 lbs. @ 3/4 lb.; ½ oz. or ¼ oz. 7 lbs. @ 4/- lb.; good white, about 95% as imported, 140 lbs. @ 12/- lb.; 28 lbs. @ 2/3 lb.
Capsicine, soluble, 1 lb. @ 9/6 lb.
Carbo Animalis or Ligni, powder or lump, 1 cwt. @ 25/- cwt.; 28 lbs. @ 3½d. lb.
Cardamoms, 28 lbs. @ 2/6 lb.; 7 lbs. @ 3/- lb.
Carmine, Finest, 1 lb. @ 35/- lb.; No. 2, 1 lb. @ lb.
Cera Alba, B.P., White Moons, 28 lbs. @ 2/2 lb.; 4 lbs. @ 2/4 lb.; Flav. 1 lb. Blocks, 28 lbs. @ 1/9½ lb.; 4 lbs. @ 1/10½ lb.; 1 oz., ½ oz. tabs., 7 lbs. @ 1/10½ lb.
Cerii Oxalas, 1 lb. @ 6/6 lb.
Cetaceum, No. 1, fine white, 64 lbs. @ 11d. lb.; 7 lbs. @ 1/2 lb.; powder, 7 lbs. @ 1/6 lb.
Chloral Hydras Cryst., B.P., 7 lbs. @ 10/9 lb.; 1 lb. @ 11/3 lb.
Chlorodyne, 5 lbs. @ 2/9 lb.
*Chloroform, pure, B.P., 12 8-lbs. @ 3/8 lb.; 8 lbs. @ 3/10 lb.; 6 1-lb. bots. @ 4/3 lb.
Cocaine Hydrochlor., 1 oz. @ 26/6.
Codeina, 1 oz. @ 23/6 oz.; Phosph., 1 oz. @ 19/6 oz.; Hydrochlor. or Sulph., 1 oz. @ 20/6 oz.
Colocynth, Apple, English ground, 1 cwt. @ 1/4 lb.; 28 lbs. @ 1/5 lb.; 7 lbs. @ 1/7 lb.
Composition Powder (Coffin's), 1 cwt. @ 62/- cwt.; 7 lbs. @ 8d. lb.
Conf. Sennæ, P.B., 14 lbs. @ 1/1 lb.; 7 lbs. @ 1/2 lb.
Cort. Aurant. Exot. Shreds, 7 lbs. @ 2/4 lb.
,, Cinchon. Rub. (Quill), 7 lbs. @ 1/7 lb.
,, Ulmi Fulvæ, Pulv., 1 cwt. @ 11d. lb.; 7 lbs. @ 1/1 lb.
Cream of Tartar, 98% powder, 1 cwt. @ 195/- cwt.; 7 lbs. @ 1/10 lb.

Creasote, Beechwood, P.B., 7 lbs. @ 14/6 lb.
Creta c. Campb., 7 lbs. @ 10d. lb.
,, Gall. Pulv., in sacks, 10 cwt. @ 11/- cwt.; 1 cwt. @ 13/- cwt.; 14 lbs. @ 1½d. lb.
,, Præparata, 7 lbs. in box @ 1/3 each.
Cubebæ, English Ground, 28 lbs. @ 3/3 lb.; 7 lbs. @ 3/6 lb.

*Dec. Aloes Co. Conc. 1-2, 6 lbs. @ 2/1 lb.; Sinecroco, 6 lbs. @ 1/4 lb.
* ,, Cinchonæ (Rubræ) Conc., 1-7, 6 lbs. @ 2/3 lb.
* ,, Senegæ Conc., 6 lbs. @ 2/11 lb.

Emp. Spread, 12 yards × 16 ins. adhesive, 6/-; Bellad. B.P.C., Green @ 28/6; Cerat Saponis @ 12/4; Picis Co. @ 12/4; Plumbi @ 10/-; Resinæ @ 7/6; Roborans @ 11/6; Saponis, B.P., @ 10/-
Emp. Picis, P.B., 7 lbs. @ 1/1 lb.
,, Plumbi, P.B., 7 lbs. @ 1/1 lb.
,, Resinæ, P.B., 7 lbs. @ 1/1 lb.
,, Roborans, 7 lbs. @ 1/1 lb.
Emulsio Ol. Morrhuæ, 5 lbs. @ 1/6 lb.
Eserine Sulph., in 15-grain tubes, 8/6 each.
Ess. Bergam. (Oil), 12 lbs. @ 21/- lb.; 1 lb. @ 22/- lb.; not guaranteed absolutely pure.
Ess. Limonis (oil) original coppers, 12 lbs. @ 4/3 lb.; 6 1-lb. bots. @ 4/9 lb.; not guaranteed absolutely pure.
*Ess. Moschi (not artificial), 5 lbs. @ 14/6 lb.; 1 lb. @ 15/- lb.
*Ess. Pear (artificial), Jargonelle, 5 lbs. @ 3/9 lb.; Bergamot, 4/3 lb.
*Ess. Pineapple, 5 lbs. @ 4/- lb.
* ,, Raspberry, 5 lbs. @ 2/8 lb.; 1 lb. @ 3/- lb.
* ,, Vanilla Beans, 5 lbs. @ 4/6 lb.; 1 lb. @ 4/9 lb.
*Ext. Belladonnæ Liq., B.P., 5 lbs. @ 19/- lb.; 1 lb. @ 19/6 lb.; solid, 7 lbs. @ 11/- lb.
Ext. Cannab. Ind., Alc., B.P., 1 lb. @ 63/- lb.
Ext. Cascara Sag. Liq., B.P., 1 cwt. @ 1/10 lb.; 10 lbs. @ 2/0½ lb.
*Ext. Ergot. Liq. P.B., 5 lbs. @ 4/8 lb.; 1 lb. @ 5/1 lb.; Solid, P.B., 4 lbs. @ 20/- lb.; 1 lb. @ 21/- lb.
Ext. Gent., P.B., solid, 1 cwt. @ 2/5 lb.; 7 lbs. @ 2/8 lb.
*Ext. Glycyrrh. Liq., B.P., 6 lbs. @ 2/10 lb.
*Ext. Hamamelis Liq., P.B., 5 lbs. @ 4/1 lb.
Ext. Hyoscyam., Solid, B.P., 3 lbs. @ 12/6 lb.; 1 lb. @ 13/- lb.
*Ext. Ipecac. Liq., P.B., 5 lbs. @ 18/6 lb.; 1 lb. @ 19/- lb.
Ext. Malti c. Ol. Jecoris, 10 lbs. @ 11d. lb.
*Ext. Nucis Vom. Liq., P.B., 5 lbs. @ 4/6 lb.; 1 lb. @ 4/9 lb.; solid, 5 lbs. @ 4/6 lb.; 1 lb. @ 5/- lb.
Ext. Opii Solid, P.B., 1 lb. @ 80/- lb.
*Ext. Opii Liq., B.P., 5 lbs. @ 6/- lb.; 1 lb. @ 6/6 lb.
Ext. Quassiæ, Solid, 7 lbs. @ 8/- lb.; 1 lb. @ 8/6 lb.
Ext. Sarsæ Co. Solid, 7 lbs. @ 6/- lb.; 1 lb. @ 6/6 lb.

Ferri Ammon. Cit., P.B., 28 lbs. @ 3/2 lb.; 7 lbs. @ 3/4 lb.
Ferri Carb., 14 lbs. @ 6d. lb.
Ferri et Quininæ Cit., P.B., 100 ozs. @ 11½d. oz. 25 ozs. @ 1/- oz.
Ferri Sulph., pure cryst., 1 cwt. @ ; 7 lbs. @ 3½d. lb.
Ferrum Redact., 80%, 1 lb. @ 7/10.
Flos. Antb. Exot., 7 lbs. @ 3/9 lb.
Fol. Bucbu, oval, 7 lbs. @ 4/- lb.
Fol. Sennæ Alex. parv., 28 lbs. @ 1/1 lb.

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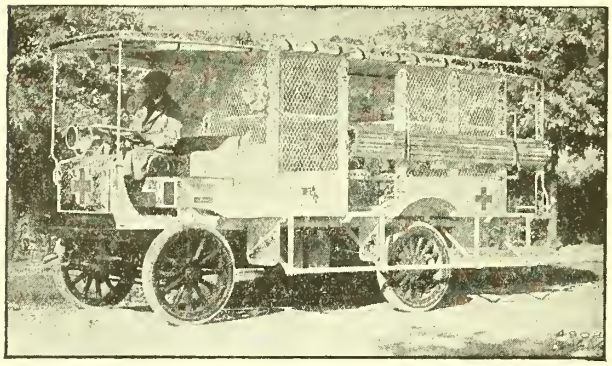

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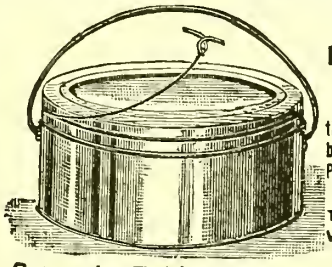

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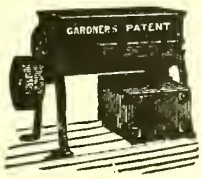

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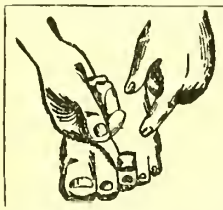

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J. & T. HOYLE & CO.,
312 Deansgate, Manchester.

T. M. Smokers Dentifrice in particularly appealing tins, made for them and advertised to them. May we Send a Sample and tell you about a wonderfully successful window show?
Advertised 6d. P.A.T.A. 4½d. Cost 2/3 doz.
CHRISTYS, OLD SWAN LANE, E.C.

THE WAND MANUFACTURING CO.
(PROPRIETORS: WANDS Ltd., Reg. Office 12 Haymarket.)
All inquiries to be addressed to **21 Wellington Street, LEICESTER.** Tel. Address: "Wand." Nat. Tel. 1145.
Specialists in
PILLS, TABLETS, CAPSULES.
PACKED OR IN BULK.
Private FORMULÆ faithfully COMPOUNDED.
ALL GOODS AT LOWEST POSSIBLE PRICES.
BEST DRUGS. *Special Quotes to Large Buyers.*

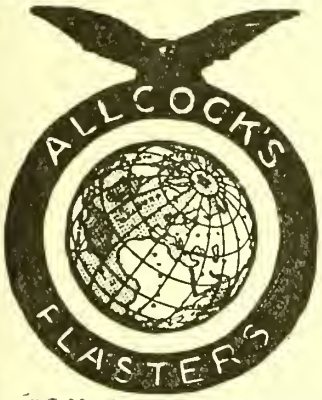
ESTABLISHED 1847.

Allcock's

PLASTERS

REMEDY OF 60 YEARS' STANDING.

Allcock's Plasters
Allcock's Corn and Bunion Plasters
Brandreth's Pills
The Three Reliables.



Prices and Terms on application to

ALLCOCK MANUFACTURING COMPANY
22 Hamilton Sq., Birkenhead.

"Sold all round the World."

GLASS BOTTLES

ESTABLISHED 1880.

All Kinds, Shapes and Colours, Plain, Screw-capped & Stoppered

A. RUCH & CO., Ltd.

(G. GRANT FORSYTH, Managing Director)

Offices - - 28 Martin's Lane, Cannon Street, LONDON, E.C.

Phone: Central 4799. Telegrams: "Sennock, Cannon, London."

LARGE STOCKS AT OUR WAREHOUSES

Limes, Kalis, Flats (plain and panelled), Tablets, Pomades, Brilliantines, Colognes, Medicals, Poisons, Essences, &c. &c.

RENDELL'S

SOLUBLE QUININE PESSARIES.

THE WORLD-WIDE REPUTATION that these Pessaries have obtained since their invention by W. J. Rendell in 1885 has induced unscrupulous persons to place upon the market worthless and injurious compounds, with colourable imitations of W. J. Rendell's labels. To distinguish the genuine Pessaries from these fraudulent concoctions, see that the Registered Trade Mark and Number, in ***RED INK,*** are upon each box thus:

Registered Trade Mark, without which none are genuine. No. 182,688.

W. J. Rendell
No. 182,688

Registered also in Australia, India, The Cape, The Argentine, Germany, &c.

IMPORTANT NOTICE AND CAUTION.

Several injunctions in the High Court of Justice having already been obtained (reports of which have appeared in "THE CHEMIST AND DRUGGIST"), W. J. RENDELL'S SOLICITORS are instructed to take proceedings against all persons (Makers or Vendors) fraudulently using the name of W. J. RENDELL," "RENDELL," or any colourable imitation thereof in connection with Pessaries NOT manufactured by

W. J. RENDELL,

INVENTOR AND SOLE MAKER,

15 CHADWELL STREET, CLERKENWELL, LONDON, E.C.

By Royal Warrant of Appointment to H.M. The King.

By Royal Warrant of Appointment to H.M. The King.

Only ONE Address.

DAY & SONS, CREWE. LTD. (CREWE)

Established 1840.

HORSE, CATTLE, SHEEP & DOG MEDICINES.

Only ONE Address.

LARGEST SALE IN THE WORLD.

DAY'S BLACK DRINK

Cures Colic or Gripes in Horses or Cattle, Scour and Weakness in all Young Stock, Blown Cattle and Sheep, Debility, Chills and Low Condition in all Stock.

Price 1/8 per bottle

DAY'S HUSKOLEIN

Almost infallible for Tape Worms in Lambs and other Animals; for Husk or Hoose in Calves, Lambs, &c. A speciality for Worms in Horses and Colts.

6/6 per bottle

DAY'S ZOMO-SAL.

For Blood Disorders, Humours, General Weakness, Surfeits, Indigestion, Sterility, &c., in Horses and Beasts. Promotes Growth of Bone. Makes animals "fit" for Show or Sale.

In Canisters at 7/6, 20/-, and 40/-

DAY'S RED DRINK

OR COW DRENCH.

For Costiveness, Loss of Cud, Indigestion, Garget, Colds, Fever, Hidebound, &c., in Cattle. Prepares Cows for Calving, Prevents Milk Fever, and cures Bad Cleansing.

12/- per doz. packets.
The Ewe Drench for Ewes, 3/6 per doz.

DAY'S OILS

(THE PURIFIED DRIFFIELD OILS)

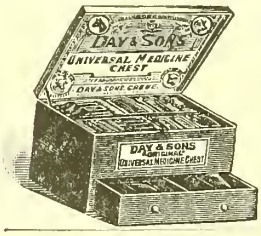
Heal all Wounds in Horses, Cattle, and Sheep, Sore Teats and Swollen Udders in Cows and Ewes. For Anointing in difficult Lambing or Calving.

2/6 and 6/- per bottle.

DAY'S WHITE OILS.

A Safe Embrocation for Sprains, Swellings, Windgalls, Sprung Sinews, Rheumatism, Sore Throat, Weak Joints, &c.

2/6 and 6/- per bottle.



DAY & SONS' "ORIGINAL" MEDICINE CHESTS

Price £1 4s., £2 4s., £5, and £10 10s. ; Carriage Paid.

Arranged for Horses, Cattle and Sheep; Horses only; or to suit any class of stock.

When Ordering Please State Requirements.

The Chest Illustrated is similar to that at £5 and £2 4s.

Great Specialities.

ONLY GENUINE FROM

DAY & SONS, CREWE, LTD.,

CREWE, ENGLAND.

LIBERAL TERMS FOR FOREIGN BUYERS.

THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C. SATURDAY, MARCH 3 1917.

TO ADVERTISERS IN THIS SUPPLEMENT.

The Publisher desires to make it clear that advertisements of Businesses for Disposal and Wanted, Situations Open and Wanted, Exchange Column, &c., MUST BE PREPAID (except in the case of serial advertisers), and to ensure prompt insertion

REMITTANCES MUST ACCOMPANY INSTRUCTIONS.

Advertisements for the current issue cannot be received after 4 p.m. on Thursday in each week. If it is necessary to telephone or telegraph an urgent announcement this may be done

PROVIDED the MONEY is TELEGRAPHED

at the same time and the fact made clear that the money order is to be delivered at 42 CANNON STREET, LONDON, E.C. Advertisers will assist greatly in the preparation and quick despatch of the Supplement by making careful note of these rules. Telephone: No. 3617 Central (3 lines). Telegraphic Address: "Chemicus Cannon London." (Three words counted as two.)

BEST RESULTS EVERY WEEK!

There is no need to guarantee the genuineness of the advertisements in 'The Chemist & Druggist Supplement.' Everybody in the drug-trade knows that only *bona-fide* paid-for advertisements are inserted. The 'Chemist & Druggist Supplement' knows no dead-heads, for it gives

THE PUBLICITY IT PAYS TO PAY FOR.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone Number: City 2283.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—PICCADILLY (Near).—For immediate Disposal, high-class Dispensing and Retail Business; returns about £1,200; *gross profit* between £650 and £700; the business is known to us, and we can recommend it; valuation terms.

2.—LONDON, N. (Main Line of Rail).—For immediate Disposal, a good but neglected Business returning, under Assistant, £1,270 at fair prices; books audited by accountant, and stock taken annually; terms, small sum for goodwill and valuation of stock and fixtures.

3.—HERTS (Borders of).—Ready-money Business; held by vendor many years; returns over £30 per week; good position in main thoroughfare; comfortable residence, with garden; rent moderate; price about £500; vendor invites the fullest investigation.

4.—LONDON (Northern Suburb).—Situate in main shopping thoroughfare, well-established Business; increasing income; returns between £1,000 and £1,100; profits exceed the usual rate of middle-class business; well-fitted shop and comfortable residence, with garden; price £600.

5.—LONDON, S.W. (Favourite Residential Locality).—Old-established Business, Family and Dispensing; returns upwards of £1,400; *gross profit about* 45 *per cent.*; terms, valuation of stock and fixtures and sum for goodwill to be arranged equitably.

6.—PORTLAND ROAD STATION (Within Easy Distance of).—For Disposal, through death, good middle-class Business; Retail and Dispensing; excellent position in main thoroughfare; returns about £1,000; scope for considerable extension under energetic management; valuation terms entertained.

7.—KENSINGTON.—Established Business; Retail and Dispensing; held by vendor many years; returns £1,000 yearly; profits above the average of Retail trade; capital opening for modern trading; terms, value of stock and fixtures.

8.—HOME COUNTY.—Good-class Retail and Dispensing Business, with Optical connection, in select residential district; returns about £2,500 per annum; terms, valuation of stock and fixtures and sum for goodwill to be agreed equitably.

9.—FASHIONABLE SEASIDE TOWN.—First-class Retail and Dispensing Business, situate in large, good-class town; position unique; returns about £900; capital opening for Chemist well up in Optics; valuation terms; death cause of sale.

10.—LONDON, S.W. (Distant Suburb).—Retail and Dispensing Business; very good connection with local medical men; returns upwards of £1,200; *net profit* £300; price £800; stock and fixtures estimated at £600.

11.—OXON (Market Town).—Good-class Business, Retail, Dispensing, and Photographic; with small Mineral-water Plant; returns average over £1,000 yearly; scope for development; good position in main thoroughfare; valuation terms entertained.

12.—NEW FOREST.—Mixed Country Business; established about 100 years; returns £800; *net profit* £300; large double-fronted shop; comfortable residence; price £450.

13.—SUSSEX (In the Heart of the Country).—Good-class Retail and Dispensing Business; returns show a steady increase, now £826; *net profit exceeds* £300; full investigation invited; price £650.

14.—ESSEX (Health Resort).—Modern Pharmacy situate in the principal street; returns exceed £1,000; full investigation permitted; the shop is nicely fitted and fully stocked; convenient residence; terms, valuation of stock and fixtures and £100 premium.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone **Profit, the value of Business, &c.**, can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of **confusion and loss.**

Messrs. O. & Co. are prepared to undertake these essential duties, and will make **Special Terms** for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

PARSON C. BAKER
(Pharmaceutical Chemist),
Trade Valuer & Transfer Agent,
Recommended by The British Drug Houses, Ltd.; Messrs. Meggeson & Co.; Barclay & Sons, Ltd.
Valuer to the Association of Manufacturing Chemists.
1 Mountfield Road, CHURCH END, FINCHLEY, N.
Tel. No.: Finchley 812.

THOS. TOMLINSON & SON
CHEMISTS' VALUERS, TRANSFER AGENTS, AND EXPERT STOCKTAKERS,
45a MARKET STREET, MANCHESTER.
Established over Half a Century.
Telegraphic Address: "Tomtom."

BATTAM & HEYWOOD
(Estd. 1837.)
CHEMISTS' VALUERS, TRANSFER AGENTS, AND EXPERT STOCKTAKERS.
Balance Sheets Prepared. Books Audited.
3 DAVIES STREET, BERKELEY SQUARE, W.
Telephone: Gerrard 2169.

BERDOE & FISH
VALUERS & TRANSFER AGENTS,
35 Jewry Street, Fenchurch Street, City.
Telephone: 1809 Central.
NO CHARGE TO PURCHASERS.

1.—SOUTHEND-ON-SEA (Death Vacancy).—Good-class Business, in excellent position, within 1 minute of Cliffs and Bandstand; returns £800, and before the war restrictions did over £300 a year in photographic materials, and will again under normal conditions; good house and garden; stock and fixtures worth about £500; price, £600, or offer; personally known and recommended by us.

2.—HERTS (Market Town).—Most desirable light country Retail; easily worked; returns about £900; good profits; excellent house, bathroom, etc.; very best position; well stocked; price for prompt sale, £400 cash; strongly recommended.

3.—LONDON (12 miles out).—Middle-class Retail and Dispensing, with Dentistry; returns approach £1,300, increasing; net profit over £400; modern house and large garden; rent £50; compact, well-fitted Pharmacy, well stocked; price about £700; books properly kept; fullest investigation courted.

STOCKTAKINGS.

Appointments for stocktakings and valuations should be made early. Full particulars and terms sent on application. See page 90 of the *C. & D. Diary*, 1917.

We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners, agents or assistants, or wish to sell their businesses, an advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and remittances can be sent to us direct or through the advertisers' correspondents in this country.

BUSINESSES FOR DISPOSAL.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

BIRKENHEAD.—For Disposal, owing to death of Proprietor, an excellent old-established profitable Retail Business, situated in one of the best positions in the town. For particulars apply to the Exors. of the late Mr. T. C. James, 9 Clarence Road, Birkenhead.

LONDON, S.E.—Drug Store in middle-class industrial neighbourhood; nearest opposition ½ mile; returns £8 weekly; few Patents; very low rental; opportunity for Panel work; illness sole reason for sale; £100 or valuation stock and fixtures. Apply, 161/13, Office of this Paper.

CHANCE Rarely Met With.—Unique opening for a Chemist in a large busy Lancashire town; exceptional opportunity; information £5; agreeable deposit system. T. A. B. Lloyd, Poste Restante, Bolton.

TO HAIRDRESSERS AND CHEMISTS' SUNDRIESMEN.

FOR Sale.—Wholesale Business in London; excellent connection; good Stocks; ready sale for Proprietary articles. For further particulars, Parkin S. Booth, Accountant to the Association of Manufacting Chemists, Ltd., 32 Kimberley House, Holborn Viaduct, London, E.C., and at 2 Bixteth Street, Liverpool.

FOR Sale.—Business in S.E. London, in thickly-populated district; established about 55 years; returns about £550 without N.H.I. Dispensing, rapidly improving; rent £31, with 6-roomed house; price £175; illness cause of sale. Apply, 316 Friern Road, East Dulwich, S.E. Telephone, 2068 Sydenham.

FOR Disposal in North Lancashire town, a Mixed Retail; old-established, and good sale for own Proprietary articles; busy munition district; good shop and house, with side entrance; good all-round trade; takings about £1,400. Full particulars, 160/3, Office of this Paper.

£275.—GOOD Retail Country Pharmacy; good house; selling, ill-health; every investigation. 160/27, Office of this Paper.

FOR SALE.

CASH Register (National), second-hand, for Sale cheap; suitable for any business. Write to F. King, 27 Chesterfield Gardens, Green Lanes, Harringay, N.

EXPIRY of Lease.—Immediate Disposal.—Very handsome Wall Fixtures (2), 20 feet by 9 feet, each, Mirrored Back, and expensive Mirrored Cupboards, with Counter top and drawers under; also about 60 feet rim additional Shelving, in sections, 9 feet high, and substantial Mahogany-top Counter, 17 feet, with foot-rest, very suitable for high-class Boot shop or for Draper; expensive Mahogany Counter, 14 feet, Plate-glass front, shelved, 6 doors; ditto Counter, 12 feet; 12 splendid Plate-glass Show Cases, 6 large Mirrors; Window enclosure, 10 feet; Plate-glass Shelves, Mirrored back; Inlaid Linoleum, etc. Viewed at 31 Woodgrange Road, Forest Gate.

NATIONAL Cash Register, prints receipts, new condition, little used, £35; 3 lb. Sod. Brom., 4*s.* lb.; 2 lb. Bis. Trisnit, 11*s.* lb.; 2 lb. Bis. Subgall., 12*s.* lb.; 300 Phenazone Tabs., 9*s.*; 4 lb. Pot. Sulphurata, 2*s.* 3*d.* lb.; 1 case 60 x 10-oz. Bots. Hunyadi Janos, 27*s.*; 5 grs. 1*d.* packets "One & All" 1916 Flower Seeds; 1 grs. Veg., 15*s.* 6*d.* "C.," 97 Borough High Street, S.E.

WHAT offers for 20 lb. Pot. Permang., perfect condition? also 80 lb. Oxalic Acid, in small or large quantities. Reply, "Cymro" (157/34), Office of this Paper.

LEGAL.

NOTICE.
IN THE MATTER OF THE ESTATE OF WILLIAM FREDERICK ROBERTS, CHEMIST, DECEASED.

OTICE is hereby given that all creditors of this estate residing out of Gibraltar must come in and prove their ns on or before the 18th day of June, 1917, in default reof they will be excluded from any benefit arising from such te.

ction 14 of the Unrepresented Estates Ordinance, 1889, is in following words:

All claims filed by Creditors or claimants shall express the e and place of abode of the creditor or claimant, the origin he debt or claim, the degree or class of such debt and the iculars and exact amount thereof, verified by affidavit, and e shall also be annexed to every such claim the documents porting to be evidence thereof."

his notice is published pursuant to an order of the Supreme rt of Gibraltar dated the 13th day of February, 1917.

ated this 15th day of February, 1917.

JOHN DISCOMBE,
Administrator-General.

egistry,
Supreme Court, Gibraltar.

BUSINESSES WANTED.

DVERTISER is desirous of purchasing a well-established, good-paying, Wholesale Proprietary Business; one injured tho war not objected to if still paying well; up to £15,000 ilable for a really first-class concern; all replies will be ated as absolutely confidential. Write in first case to rincipal" (160/12), Office of this Paper.

ANTED, a sound Mixed Country Business suitable for unqualified; about £600-£800 returns; South-Western neighrhood preferred but not essential; entirely unopposed. epaul" (155/36), Office of this Paper.

TO LET.

ANTS.—Opening for Chemist; shop 20 feet by 16 feet, with sitting-room adjoining, 2 kitchens, 5 rooms over, garden, k entrance, electric light, and gas; rent £50. Fuller, tioneer, Weymouth.

USINESS Premises to Let; rooms over a Chemist's shop in Wimbledon district; suitable for a Dentist; good living ared; no opposition for miles. 231/26, Office of this Paper.

FINANCIAL.

DIRECTOR is required who will invest £3,000 gradually (only £1,000 wanted in first instance) in 7½ per cent. icipating Preference shares in an established good-class tal and Toilet Preparations Company, London; open to every stigation; fees £100 per annum. Particulars from Arnold o. (London), Ltd., 76 Cannon Street, E.C.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The Advertiser may, if preferred, have replies essed to this Office, and forwarded on payment of a tional charge of 6d.

ce-lists, trade circulars, samples, and printed matter can not be forwarded, the Box numbers being intended exclusively specific answers to particular advertisements. The Publisher ves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

RETAIL.

DLINGTON, Northumberland.—Competent Assistant (outdoors), male or female, for Dispensing and General Retail. full particulars as to experience, age, and salary required, o. Foggan, Leadgate House, Bedlington, Northumberland.

BIRMINGHAM.—Firm of Retail Chemists has an opening for a smart, unqualified man, age about 46, to assist in Stock-taking department; must be quick at figures and well up in the trade; permanency if satisfactory. "Stock" (228/595), Office of this Paper.

BIRMINGHAM.—Elderly qualified Assistant; comfortable and permanent berth. State salary required and when at liberty. "Astol" (228/594), Office of this Paper.

BIRMINGHAM.—Qualified Manager required for Light Retail business; permanent berth for satisfactory applicant; good agreement, with interest in the profits offered; applicants must be over 42 or rejected men. "Capon" (228/59), Office of this Paper.

BIRMINGHAM.—Assistant, unqualified; accurate Dispenser and obliging at Counter; good salary and hours. Apply, with full particulars, General Manager, Hedges (Chemists), Ltd., Dale End.

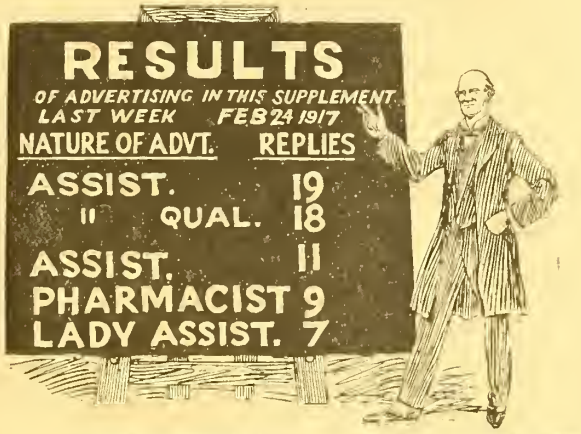
BOURNEMOUTH (Near).—Junior Assistant, unqualified (lady or gentleman), for good-class Retail and Dispensing; outdoors; easy hours; time for study if desired. Cartledge, Chemist, Parkstone, Dorset.

BRIGHTON.—Wanted, Rapid and reliable Dispenser for good-class Dispensing business; out- or in-door; lady or gentleman; good Prescriber and Salesman. State full particulars as to age, height, experience, and salary required (references not taken up if not entertained), Savage & Co., Pharmaceutical Chemists, Brighton.

BRIGHTON.—Competent Assistant required at once for Light Store business; preference given to one with some knowledge of Photography and Window-dressing; no N.H.I. business; easy hours; comfortable and permanent situation. In first letter please give full particulars of experience, etc., and state salary expected, Stead, 23 Duke Street, Brighton.

CARDIFF.—Experienced Assistant required; good salary; short hours; no Sunday duty. Hicks, Chemist, Cardiff.

DONCASTER.—A young lady Assistant required with knowledge of Dispensing and experience at the Counter; outdoors; moderate hours. Apply, with full particulars of experience and salary required, to Walter E. Plant, Pharmaceutical Chemist, 28 High Street, Doncaster.



This Blackboard demonstrates that Advertisers using these columns get a ready response to their announcements. The figures only refer to some of the letters RECEIVED AT OUR OFFICE on behalf of Advertisers who use a number or nom de plume.

TO SAVE TROUBLE.

MANY correspondents answering advertisements in this Supplement enclose remittances to cover the cost of forwarding their letters to advertisers who prefer to be addressed c/o this Office. The Publisher desires to make it clear that this is quite superfluous, and perhaps this reminder will obviate the necessity of the frequent return by him of such remittances.

ANSWER IN TERMS OF THE ADVERTISEMENT AND

REMEMBER you are one of possibly hundreds applying for the same position. Put your case before the advertiser so that he may be able to form a MENTAL PICTURE of your suitableness.

BE BRIEF BUT CLEAR.—Millions of applications are consigned to the waste-paper basket UNCONSIDERED, because the reader cannot form this picture from the inadequacy of the materials set before him.

FAVERSHAM.—Assistant wanted; lady or gentleman (ineligible); outdoors. State experience, with reference and salary required, in the first letter, to T. J. Thomas, Chemist, Faversham.

GILLINGHAM.—Qualified Dispenser wanted for Medical Society (ineligible). Apply, stating age, salary required, also references, to C. H. Chilton, Secretary, 175 Victoria Street, Gillingham, Kent.

GRAVESEND.—Assistant wanted immediately for Retail and Dispensing business; must be exempt; short hours; outdoors. Apply, stating age, experience, and salary required, to H. Cook, 11 King Street, Gravesend.

HANTS.—Manager; Market town, Fareham; smart business builder; Prescribing, Photography, some Optics and Dentistry useful, not essential; good modern house, electric light; short hours, no Sunday duty. Full particulars as to age, experience, if married what family, salary required, when disengaged, references, photo, Foster, "Ivydale," London Road, Portsmouth.

HEREFORD.—Wanted, lady Assistant; Dispensing, Stock, and Counter; hours 9 to 7; no Sunday duty; outdoors. State experience, Walter Marchant, 36 High Town, Hereford.

IPSWICH.
EAST SUFFOLK AND IPSWICH HOSPITAL.

APPOINTMENT OF ASSISTANT TO PHARMACIST.

THE Board of Management is prepared to receive applications for a Dispenser. Applicants should state age, qualifications, experience (if any), and salary required.
ARTHUR GRIFFITHS, Secretary.

KING'S COLLEGE HOSPITAL, Denmark Hill, S.E.—Qualified Assistant Pharmacist wanted (male or female). Apply to E. B. Fairweather, Dispenser, at the Hospital.

LEEDS.—Wanted, Junior Assistant for Retail and Dispensing department. Apply, stating age, experience, and salary required, Reynolds & Branson, Ltd., Leeds.

LEICESTER.—Junior Assistant wanted; outdoors; must be a reliable and accurate Dispenser; required to attend to branch orders and general stockkeeping during the day. All usual particulars and salary required to Wilby, Chemist, 124 Humberstone Road, Leicester.

LEICESTER.—Wanted, Junior Assistant in good-class, up-to-date Dispensing business doing quick trade next to station. State salary and all particulars to Woolley & Co., Chemists, Loudon Road, Leicester.

LEICESTER.—Wanted, Assistant, gentleman (ineligible) or lady; must be reliable and active, for Dispensing and Counter. References and full particulars, salary required (outdoors), etc. Apply, Marshall, Chemist, Narboro' Road, Leicester.

LIVERPOOL.—Wanted, lady Assistant for high-class Dispensing business; general knowledge of Retail business. State experience. Apply, G. H. Cole, Blundellsands.

LONDON (Central).—Outdoors; Assistant as Junior; good hours. W. Hairsine, 52 Wardour Street, W.

LONDON, E.—Young lady required who has had some experience in a Chemist's establishment; permanency. "East" (228/592), Office of this Paper.

LONDON, N.—Wanted, lady Assistant or ineligible young gentleman for Insurance Dispensing, Counter, &c.; no Sunday duty; outdoors; state experience and salary required; personal interview preferred. Apply, Young & Harrison, 92 Green Lanes, Stoke Newington, N.

LONDON, N.W.—Wanted at once, capable Assistant (male); unqualified; quick and reliable Dispenser; ineligible for Army. Apply, with full particulars, salary required, &c., to W. R. Ames, High Street, St. John's Wood.

LONDON, N.W.—A young lady wanted as Bookkeeper and to assist in high-class Pharmacy. Apply, W. Browne, 509 Finchley Road, Hampstead, N.W.

RETURNING PHOTOS, Etc.

Advertisers in this Section who receive portraits and copies of testimonials from applicants with a stamped addressed envelope for reply are reminded that the undue retention of these often means a hardship to the sender. All personal documents should be returned as promptly as possible after perusal.

LONDON, S.E.—Wanted, a qualified or unqualified Assistan in a Retail and Prescribing branch business; indoors o outdoors; must be active, abstainer, and good reference. Apply with references, salary expected, etc., to "Chemist," 39 Artiller Place, Woolwich.

LONDON, S.W.—Wanted, an Assistant (ineligible for militar service). Apply, with full particulars, to Amoore & Co 173 Sloane Street, S.W.

LONDON, S.W.—Assistant wanted; lady or gentleman; mus have had previous experience in a Pharmacy; good write and accustomed to Stock of good-class Dispensing and Reta business. Tupholme & Son, 1 Coleherne Terrace, Earl's Court.

LONDON, S.W.—Wanted, lady Counter Assistant in large Wes End Stores, with knowledge of Drugs, Proprietary article and Perfumery. Write, stating full particulars of past exper ence and salary required to "L. J.," 1626, Sells' Advertisin Offices, Fleet Street, E.C.

LONDON, S.W.—Wanted, a well-experienced Assistant for firs class Dispensing business; salary £132 per annum. Apply "P. C." (161/14), Office of this Paper.

LONDON, W.—Assistant (outdoors); ineligible; accustomed t good-class Dispensing business; or lady able to Dispens with some knowledge of the business; moderate hours; good salar to suitable applicant. Send usual particulars and reference, J. W Feltwell, 91 Hammersmith Road, West Kensington.

MANCHESTER.—Mottershead & Co., 7 Exchange Street, r quire for the Retail Counter an unqualified Assistant wh has had experience in good-class businesses.

MANCHESTER.—Qualified Manager for working-class bus ness; man above military age preferred; permanency wit good interests in the profits offered to a really smart ma "Olive" (228/590), Office of this Paper.

N.E. LONDON.—Assistant for N.H.I. and Counter; moderat hours, Wednesdays off from 1 o'clock. Please giv salary required, experience, with references, etc. (ineligible fo the Services), G. Pasco & Son, 57 Hackney Road, N.E. (nea Shoreditch Church).

NEAR Birmingham.—Young lady required for progressiv Chemist's establishment; permanency; must have had som experience in Chemist's shop. State age and salary require "Castle" (228/593), Office of this Paper.

NORTH of England.—Qualified Assistant (ineligible) wante immediately for old-established business (Wholesale an Retail), Dispensing, Veterinary and Agricultural State ag references, salary, and full particulars (in confidence), 161/ Office of this Paper.

OXFORD.—Messrs. Dolbear & Goodall, 108 High Street, requi an Assistant immediately; qualified preferred, but not esse tial; indoors or out.

ST. ALBANS.—A lady Assistant wanted with some knowled of Dispensing for a good middle-class business in a pleasa country town; hours 8.45 to 7.15, Thursdays 8.45 to 1, Satu days to 8.30; no Sunday duty; good salary (outdoors). Shield & Warren, St. Albans.

SHEFFIELD.—Junior Assistant for quick Cash, Light Retai and Dispensing suburban business in pleasant district; ou doors; easy hours; permanency; immediate vacancy. Full pa ticulars to H. H. Greenfield, M.P.S., Hunter's Bar, Sheffield.

SHEFFIELD.—Assistant, lady or gentleman, with good exper ence, for Dispensing department, and able to assist at th Counter if necessary; hours 8.30 to 7 p.m., Saturdays 8.30 p.m State age, height, experience, qualification, salary, and sen photo if possible, G. T. W. Newsholme, Ltd., 27 High Stree Sheffield.

SHEFFIELD.—Qualified Manager (lady or gentleman) fo middle-class; easy hours; good pay; sole management o otherwise. State particulars at once to 65 Rustlings Roa Sheffield.

SOUTH of England.—Assistant required; free removal; pe manency with good salary. Timothy White Co., Ltd Chemists, Portsmouth.

SOUTH WALES.—Smart qualified Manager required for busine situate not far from Cardiff; must be a capable Dispenser an good Counterman; good salary and interest in the profits offere to suitable man. "S. W." (228/591), Office of this Paper.

SOUTH WALES.—A steady, reliable Assistant (ineligible fo Army) or lady, for quick Cash trade; must be good Di penser and Window Dresser; no Sunday duty; hours 9 to 8, half holiday Thursday. Apply, stating salary required (outdoors) and give particulars of experience, references, etc., to Francis Chemist, New Tredegar.

SUNDERLAND.—Wanted, a qualified Chemist; mostly Insurance work; ineligible for military service. Apply, J. G. Harrison, Pharmacist, 91 Hylton Road, Millfield, Sunderland.

WORCESTER.—Competent Assistant required, chiefly for Dispensing; also good Counterman wanted. State experience, age, references, salary required etc., Anderson & Virgo, Chemists, Worcester.

A LADY Assistant with good experience. Reply, by letter, stating qualifications, previous experience, and salary required, Squire & Sons, 413 Oxford Street.

ASSISTANT (outdoors); middle-age or lady; old-established Dispensing business. To economise time please give usual particulars as to age, salary, experience, and photo (if convenient), to Wootton & Son, Chemists, etc., Margate.

ASSISTANT, unqualified and ineligible for military service, for general Retail and Dispensing (a little N.H.I.); hours 8.30 to 8 p.m., Thursdays 1 o'clock; alternate Sunday duty 6 to 8; five or six minutes from London Bridge. Williams, 169 Brockley Road, S.E.

ASSISTANT (male or female); must be reliable Dispenser; outdoors; short hours. Apply, stating full particulars, Rees, 62 South Audley Street, Grosvenor Square, W.

ASSISTANT wanted; qualified or unqualified; outdoors; good salary. Vincent & Co., 94 High Street, Clapham, S.W.

ASSISTANT wanted immediately for Dispensing and Counter; Wimbledon district. 231/24, Office of this Paper.

COMPETENT, unqualified Assistant required; outdoors; with knowledge of Photographic salesmanship (no developing or printing). Please state salary expected and give references to Atkins & Son, Pharmacists, Salisbury.

COUNTERMAN for good-class business, or one who could assist at Counter, not necessarily qualified; outdoors; short hours. Apply, stating full particulars, and state salary expected, to R. Cuthbert, Ltd., Chemists, Huddersfield.

IMMEDIATELY.—A competent Assistant with a good knowledge of Dispensing and Retail business. W. Pickard, 3 West Kensington Terrace, W. (opposite West Kensington Station).

LADY Dispenser; quick and accurate; Hall qualification; good-class business. Full particulars, salary, etc., Butcher, Curnow, Ltd., Blackheath, S.E.

LADY Dispenser wanted. Apply, stating age, references, and salary required (outdoors), to Drs. Briscoe and Laurence, Chippenham, Wilts.

LADY Assistant for medium-class Cash business in S.W. London suburb; must be reliable Dispenser and have Counter experience; qualification not essential if competent; salary £2 weekly (outdoors); reasonable hours, no Sunday duty. Please state age, height, and particulars of experience, to "Ucalite" (156/320), Office of this Paper.

LADY Dispenser with Minor qualification and some Retail experience; also Junior with some knowledge of Dispensing for high-class Dispensing business; outdoors. Apply, with full particulars, to Quibell, The Station Pharmacy, Golders Green.

LADY; young; qualified or unqualified; outdoors; with Retail and Dispensing experience; easy hours; every consideration given to desirable applicant; send fullest particulars, salary, experience, references, in first letter. Apply, Fred. J. Oliver, Chemist, Maidstone.

LADY Assistant wanted; Dispensing and Counter work. Apply, personally or by letter, full particulars, Dean & Co., 320 Roman Road, Bow, E.

MALE Dispenser (qualified) for West-end business; high-class Retail experience essential. When applying please state age, salary expected, and full particulars of experience, to "Tabella," c/o Maw, Son & Sons, Aldersgate Street, E.C.

MESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth, require a capable Pharmacist (male or female); easy hours; good and progressive salary, with excellent prospects; free removal.

N.H.I. PRESCRIPTION Pricing.—Two or three experienced Pricers required; London area. Apply, stating age, experience, and salary required, to "X. Y. Z." (229/10), Office of this Paper.

PHARMACIST with good-class Dispensing experience wanted to join a progressive Retail and Dispensing business with a view to becoming responsible for the Dispensing Department and the production of special preparations. Apply, stating experience, qualifications, age, etc., to Mr. Matthews, 30 The Mall, Clifton, Bristol.

QUALIFIED Assistant (lady or gentleman); short hours; no holiday duty. R. Sturton & Son, 7 Fitzroy Street, Cambridge.

QUALIFIED Assistant, lady or gentleman (ineligible), for a good Country business; short hours, 8 to 8 four days, a half-day holiday, 8 to 9 Saturday. Apply, with full particulars of age, experience, and salary required, "Permanency," Exors. of E. Booth, Chester Bridge, Crewe.

QUALIFIED Assistant wanted; good salary; whole day off a week; occasional Sunday duty. Apply, Wm. Fox & Sons, Ltd., 109/113 Bethnal Green Road, N.E.

REQUIRED at earliest, Assistant, unqualified, outdoors, for Panel Dispensing, Stock, and help at Counter; comfortable berth to the right one. Apply, with usual particulars, to L. B. Thornton, 100 Landor Road, Clapham, S.W.

THOMPSON & CAPPER have vacancies for a qualified and an unqualified Assistant. Write, enclosing photo (if possible), to Manesty Buildings, College Lane, Liverpool.

TWO Managers wanted to Manage Drug Stores in the North of England; ineligible or over military age. Apply, in writing, giving references and full particulars, to Mason & Co., Cash Chemists, 80 King Street, South Shields.

UNQUALIFIED Assistant wanted for small Country Dispensing business; indoors; comfortable home; easy hours. State salary, experience, etc., to 155/35, Office of this Paper.

UNQUALIFIED; Stock and Dispensing; quick Store trade; must be a good worker. Full particulars to "Sarsæ" (157/17), Office of this Paper.

WANTED, lady Assistant with some previous Counter experience; easy hours; no Sunday duties; outdoors. Apply, stating salary required and usual particulars, to Geo. A. Harmer, Pharmacist, Eastbourne.

WANTED, two Assistants (young) for Counter and Dispensing work; good previous experience essential; good salary. Apply, 316 Commercial Road, E.

WANTED at once, capable Assistant; must be ineligible for military service. Apply, with full particulars, age, references, and salary required, Heaton, Chemist, Ripley, Derby.

WANTED, youth, with some experience; easy hours; Light Agricultural business. Appleton, Selby.

55S. WEEKLY (outdoors); London, S.W.; capable Assistant; unqualified; accustomed to quick Cash trade and reliable Dispenser; must be definitely ineligible or over military age; permanency with good prospects for the right man; highest references essential. Please give full particulars (in confidence) to 156/32, Office of this Paper.

WHOLESALE.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

SOUTH of England.—Wanted, an active Assistant for a Wholesale and Retail business; one capable of Stocktaking preferred. State full particulars, also salary required, 160/24, Office of this Paper.

YORKSHIRE.—Reliable, experienced Assistant to take charge of small Wholesale department and Manufacturing of Galenicals and Proprietaries; must have had previous similar experience; permanency at progressive salary to good man. Apply, giving full particulars and salary required, to "Spes" (160/30), Office of this Paper.

ALLEN & HANBURY, LTD., Bethnal Green, E., require an intelligent young man for their Order Department; must be able to read readily varied drug orders, and be a quick and accurate worker. Application, in own handwriting, stating age, experience, and salary required, to "F. L. D.," c/o the above.

ASSISTANT, with either Wet or Dry Counter experience. Apply, with usual particulars, to Hedges (Chemists), Ltd., Birmingham.

CLERK wanted (male or female); used to Drug Stock-sheets, and extending of prices. Write, stating full particulars of past experience and salary required, etc., to "L. J.," 1627, Sells Advertising Offices, Fleet Street, E.C.

EXPERIENCED Drug Packer (male or female) wanted at once; also Porter for Dry floor. Apply, Gale & Co., Ltd., 15 Bouverie Street, E.C.

JUNIOR Assistant wanted for Warehouse; ineligible; accustomed to the Drug and Patent-medicine trade, and with Retail experience preferred. Apply, with references, stating age and wages required, to Goodall, Backhouse & Co., Leeds.

LADY Assistant required for Analytical Laboratories; some knowledge of Chemistry essential. Write, giving full particulars, age, and salary required, to "N. E.," Allen & Hanburys, Ltd., Bethnal Green, E.

PACKED Goods Department.—Assistant wanted. State age, experience, and salary required, 228/57, Office of this Paper.

SURGICAL Instruments.—Clerk for Invoicing; male or female (if male, ineligible). J. L. Hatrick & Co., 70 St. John Street, Clerkenwell.

TRAVELLER required for London and South Coast, to Represent Perfumery and Toilet house; must have connection amongst Chemists. Apply, 228/11, Office of this Paper.

TRAVELLER wanted for country; complete and absolute knowledge of Druggists' Sundries trade essential; ineligible. Apply, by letter only, stating age, experience, and salary required, "W. H.," 12 Little Howland Street, Tottenham Court Road, W.

TRAVELLERS wanted for London and Provinces, who have a connection with Stores and Chemists, to sell advertised Proprietary articles on good commission basis. Write, stating full particulars as to ground covered, age, references, etc., to 231/17, Office of this Paper.

WANTED, two experienced Wet-room Hands (ineligible). Apply, stating experience and salary required, to R. Sumner & Co., Ltd., Wholesale Druggists, 40 Hanover Street, Liverpool.

WANTED, a thoroughly competent temporary Representative (ineligible), or lady, who has a first-class connection amongst London Chemists south side of Thames, to solicit orders for well-known Manufacturing Chemists and Packed Goods House; undeniable references and guarantee required. State salary, age, and full particulars as to past experience, to "G. T. H." (231/23), Office of this Paper.

WANTED at once, ineligible male or lady Clerk; knowledge of Chemical and Drug trade, French language; used to office routine; quick and intelligent; good opening. Write, stating age, experience, salary, references, to "S. G. M.," c/o Abbott's, 32 Eastcheap London, E.C.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid. The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

SOUTH AFRICA.—A good Representative required by London firm manufacturing Druggists' Sundries, Perfumes, and similar articles; live connection to be taken over; salary and commission basis. Applicants to give full particulars of experience, age, etc., in the first instance, to save time, 230/36, Office of this Paper.

SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

[HOME.]

RETAIL.

A MANAGER or Locum, qualified, ineligible, with the best of references, twenty years' experience, would like comfortable berth, preferably West of England or Coast. State salary, "Chemist," 75 Wellingborough Road, Northampton.

AS Assistant; qualified; over age; all-round experience. "Scylla," 28 Crookham Road, S.W.

ASSISTANT; disengaged; ineligible; references; temporary, permanent. "L. T.," 1 Eton Road, Newport, Mon.

ASSISTANT (unqualified), good Dispensing experience, seeks permanency; Lancashire preferred; disengaged; ineligible. "T. H.," 71 Elizabeth Street, Nelson.

ASSISTANT; 59; Dispensing, Counter; disengaged. "Dispenser," 33 George Street, Leamington Spa.

DISENGAGED; Locum; permanency; age 46; reasonable terms; good references. Chemist, 14 Sutherland Place, Bayswater.

DISPENSER (lady), qualified (Hall), first-class experience in Chemist's, seeks post. Dispenser, 10 St. Mary's Road, Highbury, London, N.

DISPENSER (Hall and C.M.B.) desires post. Miss Hunt, 209 Shaw Heath, Stockport.

DISPENSER, C 3, exempt, unqualified, desires change; Doctor or Chemist; 13 years' experience Dispensing, Counter, and Photography; references; W.R. Yorkshire preferred. State salary; "X. Y. Z.," 339 Eaves Lane, Chorley, Lancs.

EVENINGS.

DISPENSER; unqualified; thorough N.H.I. and private experience; married; 28; ineligible; excellent references; North or North-East London preferred. "Veritas" (161/25), Office of this Paper.

DISPENSER-NURSE desires post with Doctor or Chemist in or near Leicester; experienced; excellent references. Miss Wood, The Priory, Measham, near Atherstone.

ELDERLY, qualified man seeks situation; good references; London only. "Chemist," 16 Barnsbury Street, Islington, N.

ENERGETIC Locum; disengaged for week-ends; good references; abstainer; unregistered. "Statim," 20 Chapel Street, Uxbridge.

EVENING employment wanted; unqualified; Clapham district. State terms, 3 Westridge Road, Southampton.

EXTRACTOR, and good successful Prescribing experience; Manager; unqualified; good Counterman; varied all-round experience; abstainer; age 45. "Energetic," 7 Manley Road, Stratford, London, E.

JUNIOR Dispenser (lady); knowledge of Retail, N.H.I., and high-class Dispensing; disengaged March 12. Rutter, 51 Sterndale Road, West Kensington.

LADY Dispenser, experienced (Hall qualification), desires engagement with Doctor, Institution, or Light Retail; S.W. London preferred. Apply, 157/27, Office of this Paper.

LADY Dispenser (Hall) desires post or Part-time; Hospital, Institution, or Chemist; London or S.W. suburbs. Hawes, 92 Ditton Road, Surbiton.

LADY Dispenser (Hall), West-end experience, desires post; London. "G. H.," 66 Hazelbank Road, Catford, S.E.

LADY Dispenser (part Hall), 10 months' experience, desires Assistant post with Chemist; S.W. or W. district; small salary. "H. G. B.," 6 Laburnum Gardens, Kew Gardens.

LADY Dispenser, well trained (part Hall qualified), desires post; Doctor, Hospital, or Chemist; Croydon, South Norwood, or Sutton districts. Oakdene, Parkgate Road, Wallington.

LADY desires situation (outdoors); experienced in Counter work, Packing, putting up Stock, and general routine of Chemist's business; London, N.W., or City preferred. Apply, 161/8, Office of this Paper.

LOCUM; town or country; qualified. West, 47 Vicarage Road, Leyton, London, N.E.

M.P.S.—MANAGERffi experienced, West End and Provincial; excellent references. Apply, 161/30, Office of this Paper.

MANAGER, Locum, or Assistant; qualified; age 67; varied experience; good references; in last situation four years. Swift, 65 Patmos Road, North Brixton, S.W.

MANAGER (ineligible); thoroughly capable; highest references; unqualified; London. "H.," 241 Seven Sisters Road, N.

MANAGER or Assistant; good all-round experience; disengaged; qualified; ineligible. "Chemist" (161/31), Office of this Paper.

PHARMACIST (exempt); first-class City, West-end, Continental experience; foreign languages; excellent references. Apply, 158/37, Office of this Paper.

HARMACIST (qualified), over military age, seeks responsible Management or Dispensership; London preferred; abstainer; perienced. 161/37, Office of this Paper.

EADING preferred.—Qualified, experienced, 43, single, 5 ft. 10 in.; out of business some time; rapidly getting fit; easy rth or Part-time at first, salary in proportion. "Alpha," Eldon Road, Reading.

EMPORARY or permanency; disengaged shortly; age 45; married; experienced; highest reference. "Pharmacist," 57 owns Road, Walthamstow, Essex.

OUNG lady desires post in Hospital or Chemist's; some experience in Dispensing and Laboratory work; London prered. "E. B.," 31 Draycott Avenue, Chelsea.

7; UNQUALIFIED; Branch Manager or Assistant; used to quick trade and N.I. Dispensing; working-class preferred; d references. "H. B.," 37 Mitre Street, London, S.E.

WHOLESALE.

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UYER and Manager, wide experience, desires change; over military age; would take over Agency or Represent good m Lancashire, Yorkshire, Potteries, etc. Apply, 156/29, Office this Paper.

HEMIST desires change; permanency; 7 years' experience in Analytical and Research Laboratory Wholesale Chemists d Druggists; best references. 160/11, Office of this Paper.

ENTLEMAN, at present occupying responsible position, desires change; fully experienced in all departments, both warehouse and office. Address, 161/17, Office of this Paper.

ACKER or female Laboratory Assistant with long experience desires situation. 157/26. Office of this Paper.

HARMACIST (exempt), resident Birmingham, desires permanent responsible position, with scope for initiative; can anise and control staff, or willing to travel. Apply, 157/28, ice of this Paper.

RAVELLER; disengaged; experienced; thorough knowledge of Druggists' Sundries, etc.; good sound connection Liverpool l district (20 miles). Apply, "J." (154/10), Office of this per.

RAVELLER, Yorkshire, desires additional line; commission, part expenses; good Proprietary article entertained. Particulars to 160/31, Office of this Paper.

SITUATIONS WANTED.

(Colonial, Indian and Foreign.)

s. for 12 words or less; 6d. for every 10 words beyond, prepaid. Advertiser may, if preferred, have replies addressed to this ce, and forwarded on payment of an additional charge of 6d.

his heading is reserved for assistants seeking situations in the ish Colonies, India, and Dependencies, or elsewhere abroad.

OMAN Dispenser, Bookkeeping, Shorthand, Typewriting, care of Instruments, desires post in the Near East, preferably t. 150/20, Office of this Paper.

MISCELLANEOUS.

OUT 25,000 decorative Carton Wrappers, with blanks for own name and address; Effervescing Fruit Saline, Syrup ge, Emulsion of Cod-liver Oil, etc.; samples on request. n's, 18 Market Road, London, N.

OND-HAND Shop Fittings. — 12 ft. Glass-fronted and Mahogany Serving Counter, £8 15s.: Counter Silent Sales. with bent front and two plate-glass Shelves, £5 15s.; Mahogany Wall Case, equal to new, £11 10s.; quantity of d-hand Shoprounds, Oils and Syrups, Pill Pots, Tincture etc. PHILIP JOSEPHS & SONS, LTD., 93 Old Street, n, E.C.

SECOND-HAND Chemists' Fittings.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

Outlay £1 8 0

For 14 days only we make you an extraordinarily generous offer—

4 gross 1d. Ni-Verre Hair Shampoo at 7 -.. £1 8 0

2 gross Free of Charge, Carriage Paid, *Cash with Order.*

Your Outlay is	**£1 8 0**
Your Returns are	**£3 12 0**
Your Clear Profit is	**£2 4 0**

Carriage Paid only in the United Kingdom.

Send your cheque now, we only give one offer to each person or firm. The best get-up article in the Shampoo line, red and gold envelope. Send now to exclusive Proprietors and Manufacturers—

NI-VERRE Chemical Company, 5-7 Ormeau Avenue, **BELFAST.**

Returns £3 12 0

TO WHOLESALE CHEMISTS, SHIPPERS, etc.

We compress tablets from your own ingredients or otherwise, plain or coated. Large quantities dealt with quickly. Superior Machinery and Scientific Control.

Lowest quotations for Cascara tablets in bulk.

R. GIBBINS & CO., 1 Birkbeck Road, Kingsland, LONDON, N.E.

Out-of-date Cameras bought.

Chemists often take in exchange an old Camera as part payment for a new one, or have same left on their shelves. We buy these on Cash Terms. Try us.

WATSONS, 84 High St., SHEFFIELD.

EXCHANGE COLUMN

One halfpenny per word with name and address. One penny per word if we register the address and attach a number.
No advertisement inserted for less than 6*d*.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

FOR DISPOSAL.

BOOKS AND PERIODICALS.

MAYHEW'S Dog; Aural Surgery; Beale's Microscope; Urine Testing; Squire's Hospitals. Hasselby, Hastings.

DENTAL.

FOR sale, 12 dental showpieces, celluloid and vulcanite, from 3*s*. 6*d*. R. Lamb, 123 West End Lane, London.

DRUGS AND CHEMICALS.

28 lb. pot. permang., 12*s*. per lb.; 7 lb. parcels 11*s*. 6*d*. per lb., carriage paid. Mousley, Chemist, Redditch.

CASH offer for 3 oz. 550 saccharin, 1½ oz. resorcin, 1 oz. exalgine, 1 oz. medinal. Croft, Chemist, Scunthorpe.

OILS.—1 lb. stavesacre, ½ lb. croton, 6 oz. fennel, 1 oz. heroli, rosewood, coriander; tinctures—1 lb. cascarilla, ergot, calendula, lupuli, castor, sumbul; ½ lb. jalap, bryonia, conii. What offers? Shaw, 93 Dewsbury Road, Leeds.

OFFERS, whole or part, carriage paid, good condition: 6 x 3*s*. Peps, 6 x 1*s*. 9*d*. Kalsel, 6 x 3*s*. bitrate of tnr, 6 x 1*s*. 9*d*., 6 x 3*s*. bisurated magnesia, 4 x 3*s*. No. 2 Jelloids, 12 x 2*s*. 9*d*. Seigel's, 24 x 9½*d*. Whelpton's, 12 x 3*s*. Parmint, 2 x 3*s*. osogen. 157/33, Office of this Paper.

MISCELLANEOUS.

HERB labels (gummed), 100,000; offers wanted; sample sent free. Write, Illingworth, Herbalist, Fairweather Green, Bradford, Yorks.

SPECIE jar, white, gold scroll, perfect, 30*s*.; 3 champagne taps, screw, 3*s*. 6*d*.; steel pessary mould, 2 dram, 10*s*. 6*d*.; 1 doz. 3-oz. female syringes, 2*s*. 6*d*.; 1 gross 1*d*. court-plaster, black, 3*s*. 6*d*.; 1 doz. 20-oz. W.M. shop rounds, 8*s*. 6*d*. Shaw, 93 Dewsbury Road, Leeds.

WANTED.

1 DOZ. or less Stomatol mouth-wash. Foster, 56 Bishopsgate, E.

SECOND-HAND B.P., 1914. State price, Wilkinson, 30 High Street, Rotherham.

8-oz. medium plain, 1½ oz. one-panel flats. Holland, Chemist, Alfreton Road, Nottingham.

DISPENSING scales and weights, good condition, for cash. Wilkins, Pharmacist, Congleton.

COLLAPSIBLE tubes, with elongated nozzles, for nasal use; 2 oz. Colby, Chemist, Brighton.

SACCHARINE wanted, small or large lots. State quantity, quality, and price, Walton, Chemist, Batley Carr.

WANTED recipes, toilet, medicinal, veterinary, label with price. Samuel Arthur, Chemist, Redruth.

WANTED, ointment mill, power driven. Send full particulars as to make, etc. Apply, 157/23, Office of this Paper.

WANTED, salicin in quantity; spot or forward delivery; lowest cash terms. Address, 193/71, Office of this Paper.

WANTED, a powder mixer and sifter, in good condition. Particulars to Congdon & Co., 269 West End Lane, West Hampstead.

SACCHARINE.—Wanted to buy for cash. State strength, make, and lowest price, Newton Boyer, 15 Butler Street, Spitalfields, E.

REQUIRED to purchase, large quantities white and half-white oils, liquid paraffin, white petroleum jellies. Reply, 227/32, office of this Paper.

PILL machine, 3-grain rotary, hand power, wanted; also several 3-grain ordinary hand pill machines. Geo. O. Restall, Northfield, Birmingham.

WANTED to purchase, 3 or 4 bottles of gelineaus dragees; full price and postage will be paid. E. C. Evans, Pharmacist, 39 Westbourne Grove, W.

OPTICAL books, Minor, Major, Chemists' books; send prepaid for valuation; cash offers per return. Gower, Bookseller, 41 Voltaire Road, Clapham, S.W.

WANTED, boot-polish tins, to hold about ½ lb.; size about 4 in. by 1 in. We are also buyers of liquid metal-polish tins. Samples and prices to "Brytenup," Polish Works, Preston, Lancs.

SECOND-HAND, Martindale's Extra Pharmacopœia, Squire's Companion, Pharmaceutical Formulas; 5-gr. pill machine; 15-gr. suppository mould; good order. Apply, 155/33, Office of this Paper.

WAR WANTS EXCHANGE.

The object of this section is to facilitate the interchange of pharmaceutical products which are scarce at present owing to the War, and which the inquirers have failed to obtain through the customary business channels.

TERMS

Minimum charge (including registration fee) of 1/- for six words or less; 2d. per word beyond, prepaid Inquiries are inserted with a registration number attached to each item, and replies will be communicated direct to the inquirers by the Information Department of "The Chemist and Druggist."

WANTED.

Principals having any of the following articles to dispose of are requested to notify the fact by postcard or otherwise stating quantity and price to

THE WAR WANTS EXCHANGE,

"The Chemist and Druggist," 42 Cannon Street, London, E.C.

Pasta mack. (156/35) Syramidon salicylate (156/35)

FOR DISPOSAL.

Bona-fide buyers of the following articles are requested to communicate their exact requirements promptly to us, and we shall place them in touch with sellers:—

Phenacetin compound tablets, 400. (161/34.)

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1917, p. 220.

(From "The Trade-marks Journal," February 14, 1917.)

"Fum O-taracine"; for lung and throat medicines, etc. (3). By the Coal By-Products Co., 112 High Holborn, W.C. 376,344.

"Dional"; for medicinal chemicals (3). By the Dional Syndicate, 430 Leadenhall House, Leadenhall Street, E.C. 376,420. (Associated.)

"Frudela"; for medicinal chemicals (3). By R. Speedie, 5 High Street, Crieff. 376,422.

"Ovomaline"; for food-substances (42). By A. Wander, Ltd., 45 Cowcross Street, E.C. 375,772. (Associated.)

"Ozomint"; for a dentifrice (48). By Cuxson, Gerrard & Co., Ltd., Fountain Lane, Oldbury. 374,997.

"Celia"; for perfumery, etc. (48). By R. Dixon & Co., Ltd., Canal Street, Rochdale. 376,338.

"Prelude"; for perfumery, etc. (48). By the Standard Tablet and Pill Co., Ltd., Hove. 376,419.

"Chameleon," with picture of same, for perfumery, etc. (48). By G. W. Goodwin & Son, Ordsall Lane Soap Works, Manchester. 376,505.

(From "The Trade-marks Journal," February 21, 1917.)

"Paradol," for a chemical tanning extract (1); "Paracrome," for a mordant for use in dyeing (1). By The Yorkshire Dyeware & Chemical Co., Ltd., East Parade, Leeds. 376,564/5.

"Howrath Chap," under sketch of symbolical animal ("Howrath" disclaimed); for chemicals (1) and goods (4, 27, and 37). By G. Rogers, 133 Fenchurch Street, E.C. 375,885/6/7/8.

"Mothlette"; for chemicals (2). By The "Sanitas" Co., Ltd., Limehouse, E. 376,255.

"Hemenol"; for an ointment (3). By H. F. Taffs & Co., 46 Farringdon Street, E.C. 374,453.

"Ferralbon"; for medicinal chemicals (3). By Mellin's Food, Ltd., Stafford Street, Peckham, S.E. 375,256.

Label with word "Tussilettes," etc.; for medicinal tablets (3). By J. F. Sanders, Galen House, Crewkerne. 375,310.

"Rosalie"; for goods (42). By G. Lunt, Sons & Co., Ltd., 101-117 Soho Street, Liverpool. 375,663.

"Heneg" and "Henegs" with facsimile signature; for egg foods (42). By D. Mullen, 92 Dunlop Street, Glasgow. 376,075/6. (Associated.)

"Summertime"; for chocolate, etc. (42). By Cadbury Bros., Ltd., Birmingham. 376,309.

"Rampart"; for food-substances (42). By Reid & Glasgow, Water Street, Liverpool. 376,426.

"Movol"; for all goods (47). By A. K. Hillson, 62 Buchanan Street, Glasgow. 376,268. (Associated.)

"Bonnie Brae" and "Sweet Auburn"; for perfumery, etc. (48). By C. Thomas & Bros., Ltd., Bristol. 376,544/5.

"Camolated"; for perfumery, etc. (48). By Tokalon, Ltd., 212-214 Great Portland Street, W. 376,570.

Scientific Progress.

Temperatures under this heading are on the Centigrade scale.

Nirvanol is a new hypnotic introduced by German makers. It is stated to be *p*-phenylethylhydantoin, to be odourless, tasteless, and sparingly soluble. Combined with sodium a soluble form is obtained. The usual exalted virtues are claimed for it.

Dyes as Antiseptics.—Baumann ("Klinisch-therapeutische Wochenschrift") reports that he has employed aniline dyes as disinfectants in more than four hundred surgical cases. The advantages are that the dyes do not coagulate albumen. He employs a 4-per-cent. solution of methylene blue which is applied to the surface of the wound and renders it germ free. The dye can also be used in powder form or on gauze.

Plum-kernel Oil.—This oil has been examined by Darvas ("Ztschr. d. Allg. Œsterr. Apoth. Ver.") and found to resemble sesame oil in giving the Baudouin reaction. The sp. gr. is 0.9169 to 0.918; acid-value, 1.8 to 2.1: iodine-value, 97.5 to 100.6. The kernels can be used as a substitute for almonds for distilling an aqua prunorum in place of aq. amygdalarum. The Hungarian Government also recommends the kernels for the preparation of a coffee substitute.

Printed for the Proprietors by SPOTTISWOODE, BALLANTYNE & CO. LTD., 1 New-street Square, and Published by the Proprietors at 42 Cannon Street, in the City of London.—*March* 3, 1917.

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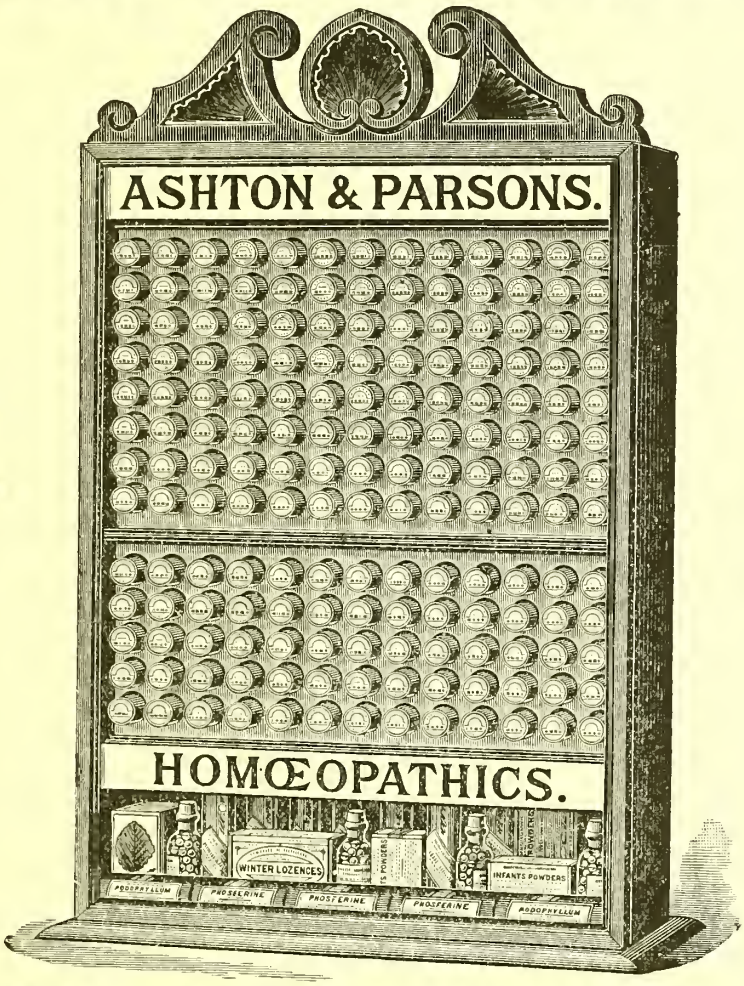

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